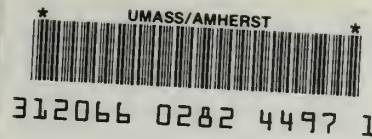


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Commonwealth of Massachusetts

**E** Department of  
Employment  
and Training



# Massachusetts Service Delivery Area Job Market Reports: **The South Coastal SDA**

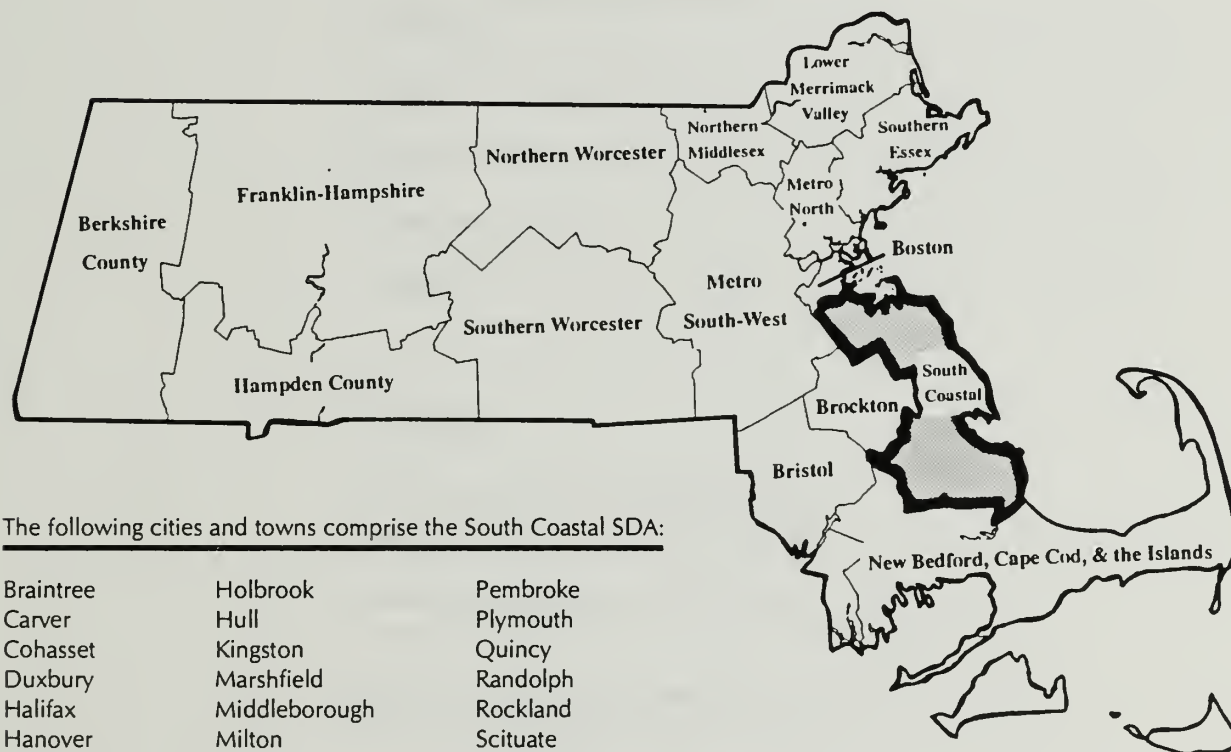
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# Massachusetts Service Delivery Area Job Market Reports: **The South Coastal SDA**



The following cities and towns comprise the South Coastal SDA:

Braintree	Holbrook	Pembroke
Carver	Hull	Plymouth
Cohasset	Kingston	Quincy
Duxbury	Marshfield	Randolph
Halifax	Middleborough	Rockland
Hanover	Milton	Scituate
Hingham	Norwell	Weymouth



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# Contents

Introduction: the SDA Job Market Reports .....	1
How to Interpret the Job Market and Use the Reports .....	2
Overview: Job Trends in the SDAs .....	4
The SDA Profile .....	12
Notes About the Data .....	63
Appendix .....	64

## Tables

Changes in Population, Employment and Unemployment by Service Delivery Area .....	4
Job Growth in Service Delivery Areas by Sector, 1984-1989 .....	6
Distribution of Jobs in Service Delivery Areas by Industry and Occupation .....	8
1989 Average Annual Wages by SDA and Industry .....	10
Employment in Major Groups .....	14



Top Ten Occupations and Industries with the Largest Employment.....	15
Labor Force, Employment and Unemployment .....	16
Earnings by Industry, 1989 .....	17
Table A: Employment by Occupation .....	18
Table B: Employment in Selected Occupations by Industry .....	27
Table C: Employment in Selected Industries by Occupation .....	46

## Charts

Industries differ substantially in the kinds of workers they employ .....	3
Unemployment Rates 1984-1989, Massachusetts and U.S. ....	8
Percentage share of employment rising fastest in occupational groups requiring more education and decreasing in occupations requiring less education .....	10
Distribution of Employment by Industry and Occupation .....	13





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# Introduction: the SDA Job Market Reports

**T**his report analyzes the economies and job markets of the Commonwealth's 15 Service Delivery Areas between 1984 and 1990. It examines the kind of jobs that local areas generated or lost over the period, the industries that make up the area, the average earnings of workers, the level of unemployment and education in the workforce, and the distribution of jobs by occupation.

This report provides an overview of the emerging economic forces changing the job market. Data on local area population, labor force, employment, unemployment, job growth, wages, and income are included as well as information on how to interpret and use the data.

This report also analyzes the occupational staffing patterns of local economies, publishing for the first time, a detailed occupational employment data base by SDA. Labor leaders, educators, human resource specialists, and Regional Employment Boards can use this data to:

*study the geographical movement of jobs and workers within the state to relate the location and number of workers by occupation to demand.*

*assess and analyze the occupational composition of jobs and skill requirements within areas.*

There are 15 Service Delivery Areas in Massachusetts, each profiled in a separate report. Each report, however, contains an overview of the economic growth in all service delivery areas. Refer to the appendix for a listing of the cities and towns comprising a service delivery area.

Service Delivery Areas were established under the provisions of the 1983 federal Job Training Partnership Act, to tailor the Commonwealth's employment and training programs to the needs of citizens in local areas. Some service delivery areas consist of a single county; others are comprised of two or more counties. The Boston Service Delivery Area is the only single-city SDA, while others cross county lines.

*plan and design education and training programs*

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# How to Interpret the Job Market and Use the Reports

This report is divided into two sections. Section I summarizes the changes in population, employment and unemployment in all 15 Service Delivery Areas, highlighting the geographic concentration of jobs by industry and occupation. Section II profiles the respective service delivery area and presents a detailed series of tables on the area's occupations and industries.

Table A in Section II lists the number of jobs by occupation and provides the percent distribution of the jobs within the area, highlighting the diverse occupational structure of the SDA. Occupations are grouped by skill level to allow comparisons of similar or related occupations.

Table B in Section II lists the industries where jobs are found in major occupations. Finally, Table C presents the number and type of jobs found in major industries in the local economy. Industries are defined in terms of the Standard Industrial Classification (SIC) system. A detailed description of the SIC, including industry definitions is contained in

the *Standard Industrial Classification Manual, 1972* and the *1977 Supplement*.

## How to Use the Data

The following sections briefly outline how to interpret and use the data.

## Population

Population trends provide a measure of an area's economic stability. If an area has high unemployment and is losing its economic base, a decline in employment usually results in an eventual decrease in population and income. The opposite is generally true in areas with fast growing economies. The more jobs an area generates, the more people move into the area to seek employment. Population growth, however, can occur independently of employment in certain areas, particularly if the region is a retirement community.

Population changes from natural increases, the difference in the number of births and deaths, and migration, are identified in Table I.

The 1980 and 1988 population estimates are from the Bureau of the Census. Natural increases are derived from the Massachusetts Department of Public Health's estimates of births and deaths. Net migration estimates are derived by subtracting the total net change in population from the natural increase.

## Labor Force

The size and characteristics of the labor force determine the number and type of people competing for jobs. Changes in educational requirements, the size of the labor force, and the age structure affect employment opportunities.

Table I lists the total number of persons in the labor force, i.e., those that are either employed or unemployed. This count is residually-based and includes self-employed and unpaid family workers in addition to wage and salary workers.

## Growth vs. Number of Jobs

When assessing an area's economic viability, it is important to distinguish between an area's rate of job creation and the number of jobs generated. Even though an area has a fast rate of job growth it may generate fewer numbers of jobs than slow growing areas. For example, the Brockton Service Delivery Area had the second fastest job growth rate, but generated only 4.7 percent of the Commonwealth's jobs. Many of these jobs were low paying and decreased the area's percentage share of total state wages. By comparison, the city of Boston was the slowest growing area, with job growth averaging 0.7 percent per year. Nevertheless, because of its size it generated 7.6 percent of the state's jobs.

The industry employment data shown in Table 2 is compiled through the Department of Employment and

Training's Employment and Wage program. Employment in this context is the count of all persons on the payroll of establishments subject to the Massachusetts Employment Security Law. Employment data were not adjusted to account for such factors as noneconomic coding changes, Standard Industrial Classification code changes, or changes in the multi-location employer reporting. However, since the data are confined to SDAs and large industries and sectors, comparisons of broad economic trends can be made.

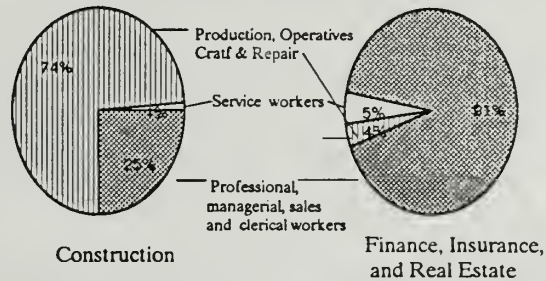
### Distribution of Jobs by Industry and Occupation

The number of jobs in an SDA depends in large part on the demand for goods and services produced by the area's industries. The growth or decline of an industry, however, has varying effects on individual occupations because industries employ different types of workers. Growth of manufacturing industries, for example, would tend to increase the employment of engineers, technicians and machine operators. In contrast, growth in the finance, insurance, and real estate industries would likely increase the employment of economists, financial analysts and sales and clerical workers.

The distribution of jobs by occupation in Tables 3, A, B and C is based on 1987 data collected by the Occupational Employment Statistics (OES) program, a Federal-State cooperative program. The OES data show how different industries, and different firms in the same industry employ workers in various skills. Over time the data can provide insights into how jobs are affected by technical advances, foreign competition, and shifts in the demand for goods and services.

**Chart 1: Industries Differ Substantially in the Kind of Workers They Employ**

Percent Distribution of Wage & Salary Workers, 1987



Occupational staffing patterns are based on 1987 data. Over the short-term, occupational staffing patterns are not significantly affected by changes in the job market. Over the long-term, however, staffing patterns are affected by changes in technology and the number of new workers.

Occupational staffing pattern data were obtained for all industries, except for workers employed in agriculture, private households and the federal government. The industries covered in these tables thus account for 97 percent of all wage and salary workers.

### Average Annual Wages

Average wage data give a comparative measure of how well jobs pay in specific areas and industries. The data, compiled through the Employment and Wage program, approximates an average annual wage by area and industry. It is computed by dividing total wages by the total number of workers employed.

Annual pay data only approximate annual earnings because an individual may not be employed by the same employer all year, or may work for more than one employer. Annual pay is also affected by the ratio of full-time to part-time workers as well as the number of individuals in

high paying and low paying occupations. Industries characterized by high numbers of part-time workers, such as retail trade, show wage levels appreciably below other industries. The opposite effect characterizes industries with low percentages of part-time workers, or industries which typically have heavy overtime work. Average annual wage data may also be influenced by work stoppages, bonus and retroactive pay, and seasonal factors.

Average wages are computed by place of work. Therefore, the earnings of commuters who reside in one area and work in another, are counted in the area of employment.

### Per Capita Income

Per capita income data give a comparative measure of the income of people living in the area versus wage data which reflect earnings of workers who are employed in the area but do not live there. It is computed by dividing total personal income, the sum of earned income from all sources, by the population. Total personal income includes wages and salaries, interest, dividends, and rents, social security etc. Data on per capita income is provided for counties only. It is included to give a more comprehensive picture of an area's economic well-being.



# Overview:

## Job Trends in the SDAs

The Massachusetts economy performed well between 1984 and 1988. Job growth averaged 2.4 percent per year and average annual wages rose 31.1 percent to \$24,150. (In terms of 1982-84 constant dollars wages rose 15.2 percent.) Unemployment stood at 3.3 percent, a level so low that some economists believed Massachusetts had reached full employment. In 1989 Massachusetts employment growth leveled off. Unemployment inched up to 4.0 percent, but it still ranked Massachu-

setts with one of the lowest jobless rates of the 11 large states. In 1990, however, the industries that generated the bulk of the jobs--construction, services, retail trade, finance, insurance and real estate--declined. Unemployment was up 50 percent from 1989, averaging 189,000 workers or 6.0 percent. Massachusetts' unemployment rate is now higher than the nation's, averaging 9.2 percent (287,000 unemployed workers) during first quarter 1991.

Much of the employment in Massachusetts is concentrated in relatively few metropolitan areas. During the eighties, however, the state's job growth was diversified, as the city of Boston recorded the slowest growth rate of the 15 SDA's. But what areas generated the most jobs between 1984 and 1989? What areas had fast growing economies, low levels of unemployment, and high wages? What areas lost the most manufacturing jobs during the period? Which recorded the highest rates of unemployment in 1990? The following tables show the trends that highlight the answers to these questions.

### Population Growth

Table I identifies the SDAs that increased or decreased in population over the decade. It highlights the factors underlying population changes--the natural increase, or the net difference between the number of births and deaths that occurred

**Table 1: Changes in Population, Employment, and Unemployment by Service Delivery Area**  
(Data based on residential counts)

	Berkshire County	Franklin Hampshire	Hampden County	Northern Worcester	Southern Worcester	Northern Middlesex	Lower Merrimack	Southern Essex
1980 Population <sup>(1)</sup>	145,110	216,696	443,018	208,324	454,116	226,991	260,893	372,795
1988 Population <sup>(1)</sup>	138,720	224,420	449,950	225,650	471,300	244,320	279,100	375,180
Natural Increase <sup>(2)</sup>	2,014	6,631	17,123	13,861	18,521	16,186	14,825	11,202
Net Migration <sup>(3)</sup>	(8,404)	1,093	(10,191)	3,465	(1,337)	1,143	3,382	(8,817)
Total Net Change	(6,690)	7,724	6,932	17,326	17,183	17,329	18,207	2,385
<b>1988</b>								
Civilian Workforce	72,490	119,780	216,530	108,550	245,820	142,600	137,570	216,270
Employed	69,330	116,120	209,170	104,800	237,880	137,780	132,040	208,960
Unemployed	3,170	3,670	7,370	3,750	7,940	4,820	5,540	7,310
Unemployment Rate	4.4	3.1	3.4	3.5	3.2	3.4	4.0	3.4
<b>1989</b>								
Civilian Workforce	73,250	121,250	217,710	108,280	247,670	143,600	138,880	220,170
Employed	70,040	116,730	208,650	103,270	237,390	137,170	131,620	211,910
Unemployed	3,210	4,520	9,070	5,020	10,280	6,430	7,260	8,260
Unemployment Rate	4.4	3.7	4.2	4.6	4.2	4.5	5.2	3.8
<b>1990</b>								
Civilian Workforce	74,040	123,530	218,520	107,020	245,550	139,780	136,640	220,380
Employed	69,450	116,940	205,410	99,090	229,430	130,300	126,380	208,360
Unemployed	4,590	6,590	13,120	7,940	16,120	9,480	10,250	12,020
Unemployment Rate	6.2	5.3	6.0	7.4	6.6	6.8	7.5	5.5

(1) Estimates from the Bureau of the Census

(2) Derived from Mass. Dept. of Public Health's estimates of births & deaths

(3) Derived by subtracting total net change from natural increase

between 1980 and 1988; and the net migration, the number of residents that moved in or out of the area.

### Statewide Population Growth

Most of the population growth in Massachusetts from 1980 to 1988 has been entirely driven by natural increases as opposed to increases in the number of people moving into the state. From 1970 to 1980 Massachusetts' population expanded less than one percent; from 1980 to 1989, it grew 3 percent, slightly faster than the last 10 years. This growth, however, is still well below the 8.7 percent national average. Several factors explain Massachusetts' slow population growth.

While births have declined throughout the nation, the decline is more pronounced in Massachusetts. From 1960 to 1985, live births in Massachusetts declined 27 percent while nationally, live births declined 12 percent.



Migration out of Massachusetts has been substantial. From 1970 to 1980, 263,000 people left the state. Although the economy improved in the 1980s, Massachusetts still had a net out-migration of 66,800 people between 1980 and 1988.

### Population Growth by SDA

Population changes among the SDAs varied. Population increased in 13 SDAs and declined in two. All SDAs had natural population increases, but only 5 SDAs—New Bedford, Cape Cod and the Islands, Northern Worcester,

Metro North	City of Boston	Metro South/West	South Coastal	Brockton	Bristol	New Bedford Cape & Islands	State of Massachusetts
725,993	562,994	797,325	453,042	212,705	304,053	353,041	5,737,096
705,680	577,830	808,700	467,410	216,640	311,600	393,200	5,889,700
15,891	26,362	28,788	15,854	13,766	13,217	5,213	219,454
(36,204)	(11,526)	(17,413)	(1,486)	(9,831)	(5,670)	34,946	(66,794)
(20,313)	14,836	11,375	14,368	3,935	7,547	40,159	152,603
396,940	302,660	464,570	248,250	115,820	159,210	207,470	3,155,000
385,960	292,340	454,110	240,640	111,570	152,370	198,270	3,052,000
10,980	10,330	10,470	7,610	4,250	6,830	9,200	103,000
2.8	3.4	2.3	3.1	3.7	4.3	4.4	3.3
399,080	304,160	466,910	250,080	117,250	162,310	209,190	3,180,000
385,830	292,240	454,010	240,570	111,810	153,590	198,130	3,053,000
13,250	11,920	12,900	9,500	5,440	8,720	11,070	127,000
3.3	3.9	2.8	3.8	4.6	5.4	5.3	4.0
397,070	302,530	462,940	250,000	116,820	162,050	209,250	3,166,000
377,300	285,790	443,990	235,230	108,550	148,350	192,340	2,977,000
19,780	16,740	18,960	14,780	8,270	13,700	16,900	189,000
5.0	5.5	4.1	5.9	7.1	8.5	8.1	6.0

**Table 2: Job Growth in Service Delivery Areas by Sector, 1984-1989** (Data based on Number of Jobs in Area)

	Berkshire County	Franklin Hampshire	Hampden County	Northern Worcester	Southern Worcester	Northern Middlesex	Lower Merrimack	Southern Essex
<b>Avg Annual Percent Change</b>								
Total, all Industries .....	1.7	2.8	1.9	1.7	3.0	1.8	1.8	1.4
Construction .....	13.0	10.8	8.5	7.8	7.1	5.1	5.3	5.7
Manufacturing .....	-3.1	-2.3	-2.8	-3.3	-1.0	-2.6	-2.1	-3.6
Communications/Utilities .....	3.9	2.6	4.2	2.7	3.8	8.2	2.2	4.7
Wholesale Trade .....	-4.3	8.8	1.7	9.6	5.5	8.8	2.7	3.8
Retail Trade .....	2.7	4.5	3.0	3.3	3.6	2.1	2.7	1.1
Banks, Ins. & Real Estate .....	0.3	8.7	3.2	5.1	6.0	5.6	3.5	5.2
Services .....	4.5	4.5	4.0	5.6	5.3	6.9	5.6	4.8
Government .....	1.8	1.0	2.2	2.2	2.2	2.0	3.5	2.2
<b>Net Change, 1984-1989</b>								
Total, all Industries .....	5,000	10,380	18,070	6,510	30,680	8,420	9,980	11,100
Construction .....	1,770	1,420	2,530	1,030	2,430	840	940	1,520
Manufacturing .....	(2,480)	(1,670)	(6,550)	(4,130)	(2,650)	(4,850)	(4,750)	(6,700)
Communications/Utilities .....	320	300	1,640	330	1,630	1,280	420	1,010
Wholesale Trade .....	(450)	850	740	1,190	3,330	1,450	710	1,370
Retail Trade .....	1,690	3,300	5,710	2,190	6,880	1,770	2,330	2,170
Banks, Ins. & Real Estate .....	20	990	2,060	560	3,470	770	790	1,620
Services .....	3,550	4,150	8,590	3,810	12,560	5,750	6,750	8,150
Government .....	530	820	3,100	1,300	2,520	1,120	2,470	2,050
<b>Percent Change, 1984-1989</b>								
Total, all Industries .....	8.6	14.6	9.7	9.0	16.0	9.0	8.8	7.5
Construction .....	81.6	62.7	46.9	37.0	34.8	24.4	25.9	30.2
Manufacturing .....	-14.7	-11.0	-13.3	-15.4	-5.0	-12.4	-10.6	-17.0
Communications/Utilities .....	20.4	13.8	22.6	13.2	20.2	40.5	10.0	25.5
Wholesale Trade .....	-22.4	51.0	7.7	56.7	30.2	50.8	14.1	20.7
Retail Trade .....	13.8	24.3	16.1	17.6	19.4	10.9	14.1	5.7
Banks, Ins. & Real Estate .....	1.0	47.8	16.9	27.3	32.7	28.0	18.5	28.7
Services .....	24.2	24.3	21.6	30.8	29.3	39.1	31.1	26.3
Government .....	9.4	5.0	11.7	11.6	11.2	10.5	18.6	11.6

Lower Merrimack Valley, Northern Middlesex, and Franklin-Hampshire--had net in-migration.

Table 1 shows that New Bedford, Cape Cod and the Islands gained the most population over the decade, while Metro North and Berkshire County lost population. There are a number of reasons for population changes. One is that people move out of areas with weak job markets to where the jobs are. In Berkshire County and Metro North, job growth underperformed that of the state. But in New Bedford, Cape Cod and the Islands population growth primarily resulted from 34,946 people moving into the area. The area's economic boom, quality of life, and lower cost of living attracted them

to seek employment or retire. The characteristics of this SDA therefore make economic analysis of the employment growth to population growth relationship more difficult.

### A Note on Population Counts

At the time of this writing, 1990 Census data were not available. Some preliminary figures have since become available, showing a faster rate of growth between 1980 and 1990. Differences in the statewide rate of growth from 1980-1988 and 1980-1990, appear to be less than two tenths of a percentage point on an annualized basis. On an SDA basis, differences in the rate of change between the two figures appear to be most significant for only Bristol, Franklin-Hampshire, Metro North,

and Southern Worcester. However, population counts for 1990 are preliminary and are subject to possible correction for undercounts or overcounts. The U.S. Department of Commerce is considering whether to correct these counts and will publish corrected ones if any, no later than July 15, 1991.

### Labor Force and Employment

Table 1 also identifies the areas with the largest labor force and the most employment in 1988, 1989, and 1990. Some significant differences exist in the concept of employment. Because interurban commuting outside of many service delivery areas is common, residential and business growth often diverge. The data in table 1 are



Metro North	City of Boston	Metro South-West	South Coastal	Brockton	Bristol	New Bedford Cape & Islands	State of Massachusetts
1.3	0.7	2.0	3.3	3.0	2.1	2.3	1.8
5.7	3.1	5.2	8.1	6.6	11.8	6.4	6.1
-3.6	-7.0	-2.1	-5.4	-3.6	-3.1	-4.8	-3.6
4.7	-2.3	1.5	5.8	3.0	2.4	2.0	1.0
3.9	-4.7	6.4	4.8	10.2	8.5	7.0	3.9
1.1	-1.5	1.8	2.2	4.8	5.0	3.0	2.1
5.2	1.4	4.4	10.9	6.0	4.6	4.4	4.1
4.8	3.0	5.0	6.7	5.1	4.7	5.7	4.4
1.0	2.7	1.0	1.0	0.8	3.8	2.5	2.0
22,560	19,680	46,060	27,780	12,180	13,230	17,200	258,190
3,110	1,670	3,980	3,630	1,150	2,280	1,990	30,430
(26,530)	(14,220)	(14,230)	(6,860)	(2,610)	(7,060)	(6,450)	(112,440)
(1,120)	(4,140)	1,030	1,760	670	420	660	5,680
8,920	(5,630)	10,770	2,120	2,390	2,600	1,540	31,580
4,980	(4,610)	7,030	4,950	4,660	6,270	5,970	55,930
6,950	5,110	4,680	7,960	960	1,110	1,310	38,730
24,380	29,040	29,960	12,490	4,190	4,880	9,310	167,370
1,540	12,370	2,460	900	490	2,580	2,410	36,540
6.5	3.7	10.2	17.7	16.1	11.1	12.1	9.2
23.8	15.6	25.7	43.7	35.2	67.0	31.6	31.6
-32.6)	30.4	-10.3)	-24.6)	-17.0	-14.8)	-21.8)	-16.7)
8.4	-11.1	7.1	31.5	14.8	12.2	10.0	4.8
40.9	-21.8	35.7	26.4	60.6	48.2	39.8	21.0
8.2	-7.3	9.1	11.5	26.5	27.1	15.8	11.1
57.7	6.9	23.8	65.8	33.7	25.0	23.2	22.1
21.3	15.6	27.7	38.2	28.3	26.0	32.0	23.7
5.3	14.2	5.2	4.9	3.8	20.2	12.9	10.4

residentially based, so heavily populated areas usually have the largest labor force and employment. The data in tables 2, 3, and 4 are employer based. These tables represent employment changes in business establishments within an area.

Massachusetts' civilian labor force grew by 10.9 percent or by 313,000 between 1980 and 1989. Women accounted for 80.2 percent of the increase. Hurt by slow population growth, Massachusetts' labor force growth lagged behind the 15.8 percent national average growth rate recorded for the same period. In 1990, however, the Massachusetts labor force declined marginally to 3,166,000, a loss of 14,000 workers from 1989.

Over half of Massachusetts' labor force resided in 5 SDAs and more than a third lived in just three of these SDAs—Metro South-West, Metro North, and the City of Boston.

Metro South-West, the area bounded by Route 128 and Interstate 495, has the largest and most educated labor force in the state. In 1990 it accounted for approximately 15 percent of the state's labor force and employment. Metro North and the City of Boston, the second and third largest SDAs in terms of population and employment, accounted for 12.6 and 9.6 percent of Massachusetts employment, respectively.

South Coastal and Southern Worcester, the fourth and fifth largest SDAs,

each accounted for about 8 percent of Massachusetts' employment. Berkshire County, the state's smallest SDA in terms of population, labor force, and employment had only 2.3 percent of the state's employment.

## Unemployment

Table I also shows the distribution of unemployment and the jobless rates among the 15 SDAs. Bristol, New Bedford, Cape Cod and the Islands, and Lower Merrimack Valley, areas with nondiversified economies, had among the highest rates of unemployment in the state in 1988, 1989, and 1990. In 1990, Bristol's and New Bedford, Cape Cod and the Island's jobless rate topped 8.0 percent. Despite problems in its high technology industries, Metro South-

**Table 3: Distribution of Jobs in Service Delivery Areas by Industry & Occupation**

	Berkshire County	Franklin Hampshire	Hampden County	Northern Worcester	Southern Worcester	Northern Middlesex	Lower Merrimack	Southern Essex
<b>Industrial Distribution</b>								
Total Jobs .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Construction .....	5.9	4.5	3.9	4.8	4.2	4.2	3.7	4.1
Manufacturing .....	22.9	16.6	20.8	29.0	22.8	33.8	32.4	20.4
Communications/Utilities .....	3.0	3.0	4.4	3.5	4.4	4.4	3.7	3.1
Wholesale Trade .....	2.5	3.1	5.0	4.2	6.5	4.2	4.7	5.0
Retail Trade .....	22.2	20.7	20.2	18.5	19.0	17.7	15.3	25.2
Banks, Ins. & Real Estate .....	4.0	3.8	7.0	3.3	6.3	3.4	4.1	4.5
Services .....	28.9	26.0	23.6	20.4	24.9	20.1	23.0	24.5
Government .....	9.9	21.2	14.5	15.9	11.3	11.5	12.7	12.3
<b>Occupational Distribution</b>								
Total, all Occupations .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial & Executive .....	8.8	8.7	7.7	8.6	8.6	9.0	8.0	8.6
Prof. & Technical .....	19.9	21.8	16.7	14.8	18.9	23.3	20.7	16.6
Marketing & Sales .....	12.0	10.6	13.7	11.5	12.6	13.1	9.8	14.0
Clerical & Administrative .....	14.8	15.2	17.3	15.3	18.0	16.8	16.6	16.6
Service .....	16.9	17.9	15.6	13.3	15.0	12.4	13.9	17.5
Prod, Const Wkrs/Operators .....	27.7	25.8	29.0	36.5	26.9	25.4	30.9	26.8

West continues to have the lowest unemployment rate in Massachusetts, helped along by a low population growth rate, about half that of the state.

### Job Growth

Table 2 details the economic growth within each SDA over the 1984-1989 period. It identifies the average yearly change in industry employment levels among the SDAs, the number of jobs generated or lost by each industry over the 5 year period, and the percent change in industry employment levels between 1984 and 1989.

It is important to note that annual 1990 SDA job data are not available at the time of this writing. However, statewide job losses for 1990 totalled 125,700, the highest ever recorded. This downward trend is expected to continue well into 1991.

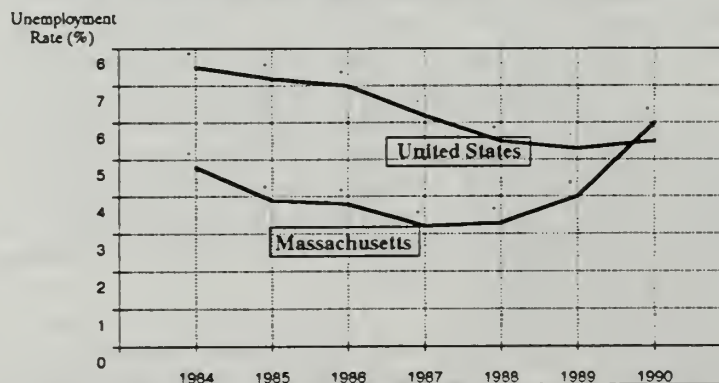
Metro South-West generated over 46,000 jobs, the most of any SDA between 1984 and 1989. South-

ern Worcester generated 30,680 jobs, thesecond largest number. This is significant because Southern Worcester is only one-half the size of Metro South-West, in terms of total number of jobs. South Coastal, benefiting from the expansion of office employment and its proximity to Boston, generated 22,560 jobs, the third largest number of jobs and the fastest rate of growth at 17.7 percent. In total, these three SDAs accounted for over 38 percent of the

Commonwealth's jobs between 1984 and 1989. Boston, the state's capital and largest SDA, generated 19,675 jobs, less than half the number Metro South-West created. Job growth averaged 0.7 percent per year in Boston, the lowest of Massachusetts' SDAs.

Service industries generated the bulk of the SDAs' jobs over the period. Only in Brockton and Bristol, areas

**Chart 2: Unemployment rates decreased between 1984 and 1987 in Massachusetts, while they continued to fall in the US until 1989.**





Metro North	City of Boston	Metro South-West	South Coastal	Brockton	Bristol	New Bedford Cape & Islands	State of Massachusetts
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4.4	2.2	3.9	6.4	5.0	4.3	5.2	4.2
14.9	5.9	24.7	11.3	14.4	30.6	14.6	18.3
3.3	6.0	3.1	4.0	5.9	2.9	4.6	4.1
8.3	3.7	8.2	5.5	7.2	6.0	3.4	6.0
17.8	10.7	16.8	26.0	25.3	22.1	27.6	18.4
5.1	14.4	4.9	10.8	4.3	4.2	4.4	7.0
37.5	39.0	27.7	24.4	21.6	17.8	24.2	28.6
8.2	18.0	9.9	10.3	15.4	11.5	13.3	12.8
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.4	9.6	9.2	9.0	7.9	7.5	8.8	8.4
21.4	25.9	23.0	16.3	16.1	14.4	15.3	22.2
12.6	9.6	12.7	15.4	13.6	12.6	13.6	11.7
19.9	24.3	18.1	20.0	18.9	15.9	15.7	18.7
14.3	16.9	14.2	16.1	15.4	14.6	19.5	16.0
22.4	13.7	22.8	23.2	28.2	35.5	27.1	23.0

with high concentrations of retail trade industries, did the retail trade sector generate more jobs than service industries.

The mix of service industries within each SDA varies. Boston, Metro South-West, and Metro North have the highest concentrations of high technology service industries in the Commonwealth. In these 3 SDAs, annual service industry wages approximated \$27,000, significantly higher than other SDA's (see table 4). For example, Bristol, Northern Worcester, and Franklin-Hampshire, with smaller concentrations of business service industries, have average annual service industry wages that are only 66 percent of Boston, Metro South-West and Metro North.

The plight of the state's manufacturing sector is also very visible in table 2. Manufacturing employment declined in every SDA over the 1984-1989 period. However, the biggest losses of manufacturing jobs have been in Metro North which lost 26,530 jobs; Metro South-West which

lost 14,230 jobs; and the City of Boston which lost 14,220 jobs.

### Job Distribution by Industry and Occupation

Table 3 shows the distribution of jobs by industry sector and occupational group in the state's 15 SDAs. These tables highlight the geographic differences in the structure of each local area's economy and job market. In the city of Boston, for example, fewer than 6 percent of the jobs are in manufacturing industries. In contrast, almost a quarter of the jobs in Metro South-West and over a third of the jobs in Northern Middlesex are in manufacturing.

The mix of industries and the structure of an area's economy directly influences the number and types of jobs found within the SDA. The distribution of jobs in major occupational categories in table 3 illustrates this point. In Berkshire County, for example, approximately 23 percent of the workforce is employed in manufacturing industries, compared to 18

percent statewide. Because an above average number of manufacturing jobs are concentrated in Berkshire County, a greater percentage of the workforce has jobs in production, construction and operating occupations than statewide (28% vs 23%). Similarly, because Berkshire County is not a major banking and insurance center, approximately 15 percent of the SDA's workers have office jobs in clerical occupations, compared to 19 percent statewide.

The distribution of jobs by occupation is based on 1987 data, collected from the Occupational Employment Statistics Survey. Changes in industry structure since 1987 do not significantly affect an area's occupational staffing patterns. Over the long term, however, occupational staffing patterns do change with the advances of technology and supply of new workers.

When reviewing the data in table 3 and tables A, B and C of this report it is important to remember that labor markets for a particular occu-

Table 4: 1989 Average Annual Wages by SDA and Industry

	Berkshire County	Franklin Hampshire	Hampden County	Northern Worcester	Southern Worcester	Northern Middlesex	Lower Merrimack	Southern Essex
Total, all Industries .....	\$21,736	\$20,253	\$21,683	\$21,486	\$23,002	\$26,241	\$24,017	\$22,964
Construction .....	25,773	24,628	28,663	25,645	27,444	27,341	28,270	27,525
Manufacturing .....	31,263	25,813	27,554	27,630	30,368	35,339	29,746	33,533
Communications/Utilities .....	22,544	25,654	26,317	21,110	28,219	22,459	29,672	25,602
Wholesale Trade .....	27,853	23,947	26,759	26,563	27,727	31,911	32,433	31,899
Retail Trade .....	12,158	11,282	12,045	12,015	12,432	13,433	12,554	12,916
Banks, Ins. & Real Estate .....	25,548	20,241	26,010	21,010	25,847	25,222	22,964	25,008
Services .....	19,090	18,778	19,635	18,139	19,872	21,959	20,740	19,862

pation may cover areas wider than those defined by the SDAs. Many professional occupations, for example, have national labor markets.

### Average Annual Wages

Table 4 lists the average annual wage in each SDA by industry sector. The average industry wage gives a comparative measure of the industry's pay scale. Compiled through the Employment and Wages program, the data approximates an average annual wage for all workers in the

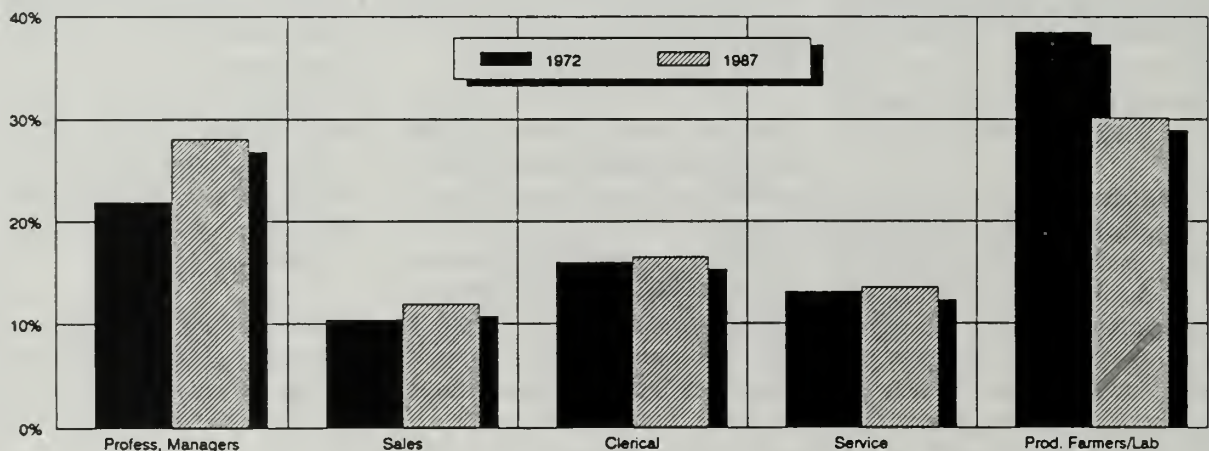
industry. It is computed by dividing the total industry wages by the total number of workers, regardless of part-time or seasonal status.

Given the concentration of banks, law firms, insurance and real estate companies, and high tech industries in Boston, wages here are the highest in the state (\$29,810), followed by Metro South-West (\$28,685), and Metro North (\$26,644). The high concentration of seasonal jobs in New Bedford, Cape Cod and the

Islands contributed to this SDA's reporting the lowest wages in the state (\$19,210).

Wages vary within sectors, depending upon the mix of industries located within the SDA. Given the concentration of computer firms in Metro South-West and Northern Middlesex, for example, the manufacturing wages reported in each of these areas are the highest in the state. In contrast, given the concentration of the low paying apparel

Chart 3: The percentage share of employment in the US is rising the fastest in occupational groups requiring the most education and decreasing in occupations requiring less education



Metro North	City of Boston	Metro South-West	South Coastal	Brockton	Bristol	New Bedford Cape & Islands	State of Massachusetts
\$26,644	\$29,810	\$28,527	\$22,685	\$22,568	\$20,306	\$19,210	\$25,220
31,948	35,439	31,775	30,861	29,601	25,010	24,454	29,554
31,688	31,345	36,854	27,016	24,625	23,443	22,333	30,926
30,025	36,196	29,273	31,008	27,067	27,156	25,486	29,889
34,402	34,227	38,408	30,622	29,729	26,733	23,015	32,779
14,747	15,128	15,683	14,238	14,687	12,151	12,743	13,775
26,747	41,550	27,903	26,185	23,572	19,493	22,079	31,525
27,332	27,678	26,609	20,528	20,162	17,916	18,465	24,010

and needle trade industries in Bristol and New Bedford, manufacturing wages here are the lowest in the state.

The same can be said of service industry wages. The city of Boston and Metro North have the highest paying service industries in the state. The average worker employed in Boston's service industries earned \$27,678 in 1989, the highest in the state. Similarly, due to the concentration of high paying engineering, management and research firms in the service industries in Metro North, the area is the only SDA where the average service wage is higher than the average for all wages (\$27,332 vs. \$26,644).

### Education's Importance

With the economy currently restructuring, occupational growth will certainly be affected, since each industry requires a different mix of occupations to produce its goods and services. An analysis of the kinds of jobs generated in the United States between 1972 and 1987 shows that, in general, employment increased the fastest in occupational groups requiring the most education and decreased in occupations requiring less education. In 1972 managerial, executive and administrative occupations were 8.9 percent of all jobs. By 1987, their share increased 2.9 percentage points to 11.8

percent. In contrast, the share of low skilled occupations such as operators, fabricators, and laborers decreased 6 percentage points. In 1972 they were 21.2 percent of all jobs--the largest occupational share--but by 1987 they were only 15.2 percent of all jobs. These trends are expected to continue in the 1990s.

### Education and Jobs in Massachusetts

Despite Massachusetts' recent downturn in employment, the educational requirements in the emerging job market will continue to be more heavily geared toward those jobs requiring either college or post secondary training.



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# The South Coastal Service Delivery Area

## Economic Overview

South Coastal had the fastest growing economy of Massachusetts' 15 SDAs between 1984 and 1989. Benefiting from its proximity to downtown Boston and the need for office space created by the surge in white collar employment, South Coastal's economy boomed. Employment advanced 3.3 percent per year, outpacing the state's 1.8 percent growth rate, and generated 27,780 jobs or 10 percent of the jobs in the Commonwealth. In 1988 and 1989, however, Boston's economic slowdown caught up to the area, and employment growth dipped, declining 0.4 percent. Employment in construction, which had been the fastest growing industry during the eighties declined 11 percent. Retail trade industries felt the drop in consumer spending and declined marginally. In 1990 Boston's economy worsened, and South Coastal's jobless rate rose sharply to 5.9 percent, the highest in seven years.

South Coastal's 1980s' success story will be difficult to duplicate in the 1990s, because commercial real estate--the industry that led much of South Coastal's economic development--is undergoing a fundamental restructuring. South Coastal capitalized on its proximity to

Boston and several one-time demographic events to fuel its economic growth. In the eighties, "baby boomers" born between 1957 and 1961 moved into the work force, women returned to work in large numbers and service industries grew rapidly. These factors converged, generating the huge demand for offices and commercial space. Quincy, South Coastal's largest city, located just 12 miles from Boston, developed as an office city. Easily accessible by the MBTA Red Line and Routes 3 and 128, it attracted insurance, banking and service companies that needed more space.

Growth in both population and the number of white collar jobs are the two most important determinants of construction booms. In the nineties no similar demographic shifts of 1980's magnitude are expected to occur to continue the demand for commercial office space. The growth rate for white collar employment in Massachusetts is slowing, women are not moving into the work force at the rate they once were, and the very industries that drove the demand for commercial real estate space--finance, insurance and retail--are projected to grow slower during the coming decade.

South Coastal faces a new decade of economic challenges. It must contend with increased competition from areas on the North and South Shore, including Rhode Island, in trying to attract more companies into its borders. South Coastal's quality of life and attractive location may give it an advantage over these other areas.


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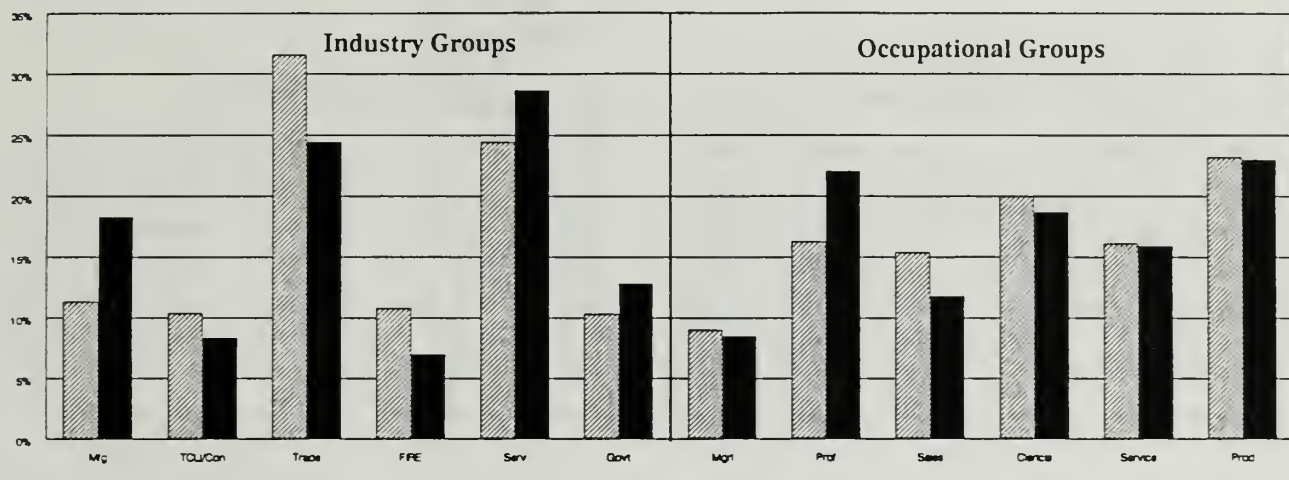
## Definition of Area

The South Coastal Service Delivery Area (SDA) extends along the Atlantic coastline, from Quincy, known as the city of presidents; to historic Plymouth, where the pilgrims first settled. Most of the area is included in the Boston Primary Metropolitan Statistical Area.

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# Distribution of Employment by Industry and Occupation

 South Coastal  
 State Average



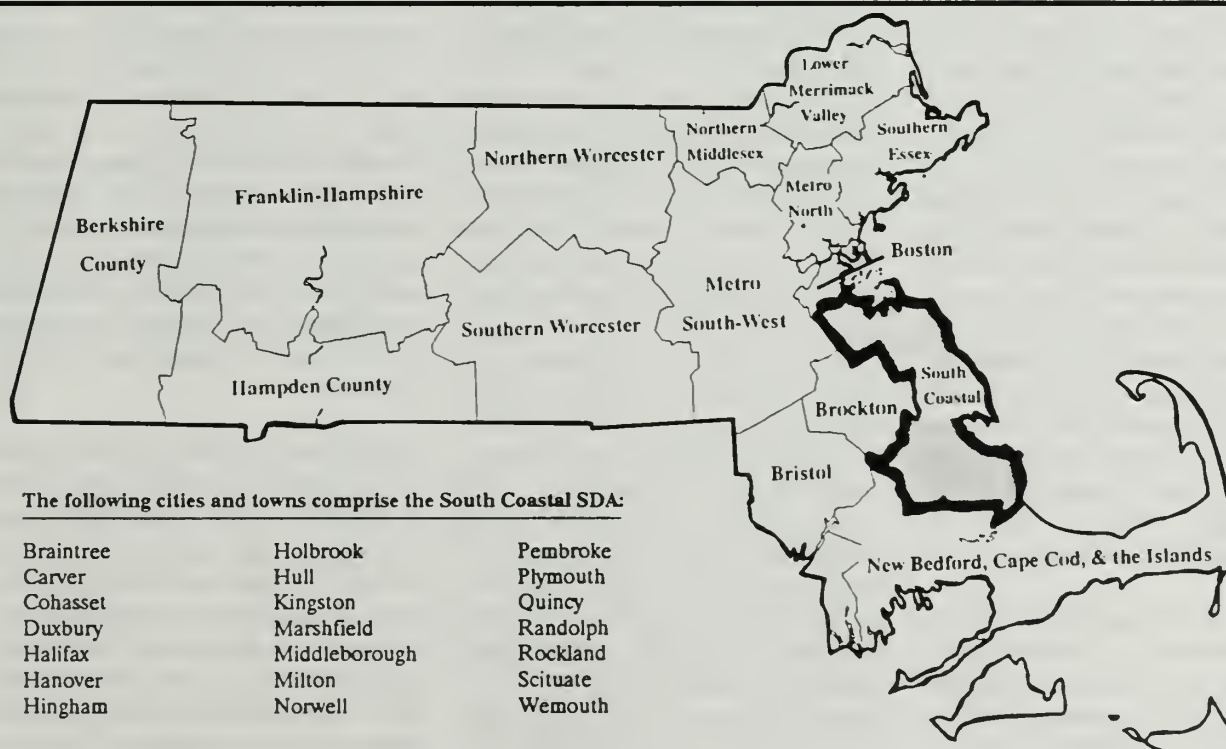
Employment in production, construction, assembly and machining occupations account for most of the jobs in South Coastal due to the concentration of real estate developers and construction contractors in the area. Clerical and administrative workers hold the second largest number of jobs, a

significant departure from the statewide occupational staffing pattern, where professional and technical workers account for the second largest number of jobs.

## Economic Base

South Coastal's economy is based on

retail trade; services; construction; and finance, insurance and real estate; industries quite sensitive to business cycles. Retail trade employs the largest number of workers in South Coastal and accounts for a far greater share of total employment in the SDA than in the state as a whole (26% vs 18.4%).



## Employment in Major Groups

### Percent Distribution

*(Note employment levels exclude federal government, private households and agricultural workers)*

	Employment	SDA	State Average
Total, all Occupations .....	176,080	100.0	100.0
Prod/Const Wkrs & Operators .....	40,885	23.2	23.0
Clerical & Administrative .....	35,180	20.0	18.7
Professional & Technical .....	28,700	16.3	22.0
Service Occupations .....	28,350	16.1	15.9
Sales Occupations .....	27,120	15.4	11.8
Managerial & Executive .....	15,850	9.0	8.5

Service industries, which primarily serve local residents rather than businesses, account for another 24 percent of South Coastal employment. Banks, insurance companies, real estate developers, and construction contractors employ the third largest number of workers and account for 17 percent of the SDA's employment, compared to 11 percent in Massachusetts. The high concentration of employment in these industries has made South Coastal more vulnerable to the recent softening in the real estate market.

South Coastal has the second highest concentration of retail employment among Massachusetts SDAs, trailing only the New Bedford, Cape Cod and the Islands SDA, the area known for retail speciality shops. The South Shore Plaza located in Braintree is one of the largest shopping centers in Massachusetts. Accessible by Routes 3, 128 and 93 it is ideally located to accommodate both the Boston and the South Coastal population.

Retail trade was one of the fastest growing industries in the state and SDA during the eighties before dropping off sharply in 1990. In South Coastal, however, it accounted for a smaller

percentage of jobs generated between 1984 and 1989 than in the state as a whole. (18% vs 21.6%).

Retail trade employment in South Coastal grew 11 percent between 1984 and 1989, about the same as the statewide average. This growth, however, did not sustain the percentage share of retail trade employment in the SDA. Between 1984 and 1989 retail trade's share of total employment fell from 27.5 to 26.0 percent. Two reasons for South Coastal's declining share of total employment in retail trade include a slower growing population which limits the demand for retail goods, and the difficulty South Coastal's retailers have had in hiring entry level workers.

General merchandise stores, food stores, automotive dealers, service stations, eating and drinking places and miscellaneous retail stores account for greater shares of South Coastal's retail trade employment than Massachusetts'. Local area retailers need both an expanding population and a labor force with good paying jobs to ensure increased discretionary spending. South Coastal is the fourth largest SDA in terms of population and labor force, but between 1980 and

1988 it had only the seventh largest population increase and fifth largest labor force gain among the state's 15 SDAs. It also has the sixth highest wages in the state. South Coastal's population, labor force and wages are expected to grow more slowly over the decade. This will further slow South Coastal's retail trade employment growth and may indicate that many retail markets could reach saturation in the 1990s.

Service industries employ the second largest number of workers in South Coastal (45,220) but comprise a smaller share of total employment in the SDA than in the state (24.4% vs 28.6%). Service industries accounted for 65 percent of the jobs Massachusetts generated between 1984 and 1989, but only 45 percent of the jobs South Coastal generated.

What accounts for this difference? South Coastal's mix of service industries is not as diverse as that of Massachusetts. Establishments providing local residential services in health, repair, amusement, and education account for 59.7 percent of the service sector employment in South Coastal and Massachusetts. High tech service industries, however, comprise 7 percent



# Top Ten Occupations and Industries with the Largest Employment

## Top Ten Occupations

Retail Trade Sales Representatives .....	9,280
General Managers and Top Executives .....	6,955
Cashiers .....	6,075
Waiters and Waitresses .....	4,560
Secretaries .....	4,415
General Office Clerks .....	4,185
Bookkeepers and Auditing Clerks .....	3,725
Stock Clerks, Sales Floor .....	3,460
Helpers and Laborers, nec .....	3,355
Tellers .....	3,000

## Top Ten Industries

Eating and Drinking Places .....	13,990
Elementary and Secondary School, public & private .....	9,240
Local Govt., exc schools and hospitals .....	6,610
Nursing & Personal Care Facilities .....	4,500
Hospitals, public and private .....	5,860
Offices & Clinics of Medical Doctors .....	3,360
Misc. Shopping Goods Stores .....	2,400
Electrical Contractors .....	2,150
Insurance Agents, Brokers & Service .....	2,050
Misc. Special Trade Contractors .....	1,930

of South Coastal's service sector employment compared to 11 percent statewide.

Much of the job growth in services during the eighties stemmed from demand for accounting, computer, engineering, research and business services. In South Coastal, the smaller percentage share of jobs in these industries contributed to the smaller percentage share of jobs generated in the service sector.

Business and high tech services will continue to be an important contributor to economic growth over the decade. Capturing a better share of employment in these industries would not only give South Coastal a broader economic base but would also create better paying jobs.

Manufacturing in South Coastal employs the third largest number of workers (21,010) but accounts for a smaller share of total employment in the SDA than in the state (11.3% vs 18.3%). South Coastal's manufacturing tends to be concentrated in older established companies. High tech manufacturing accounts for only 3.2 percent of total employment. In 1986

the closing of the General Dynamics ship yard in Quincy accounted for the majority of the SDA's manufacturing job losses over the period.

Finance, insurance, and real estate companies employ the fourth largest number of workers in South Coastal (20,050) but account for a greater percentage of employment here than in the state as a whole (10.8 vs 7.0%). In Massachusetts, employment in finance, insurance and real estate declined 0.6 percent between 1988 and 1989 in Massachusetts and 4.6 percent in Boston. In South Coastal it slowed to 1.4 percent.

## Occupational Composition

Due to the large concentration of real estate developers and construction contractors in South Coastal, production and trades workers, mechanics, operators and laborers have the most jobs (40,880) or 23 percent of all jobs. The second largest number of jobs in South Coastal is found in clerical and administrative occupations. Because South Coastal is a major banking and insurance processing center, clerical workers comprise approximately 20 percent of total employment here compared to 18.7

percent statewide.

Professional and technical workers hold the third largest numbers of jobs (28,700) but account for a smaller share of employment in South Coastal than in the state as a whole due to the smaller number of high tech industries located in the SDA.

Sales and service workers account for more jobs in the SDA than in Massachusetts due to the abundance of retail trade establishments in the area. Sales and service workers account for 15.4 and 16.1 percent, respectively, of employment in the SDA, compared to 11.8 and 15.9 percent in Massachusetts.

## Employment in Major Groups

The following sections summarize employment in occupations with the largest number of jobs within each category. Comparisons made between the state and SDA identify the major differences in the occupational concentration of employment.

## Managerial and Executive Occupations

Managers and executives hold 15,850 jobs or 9.0 percent of the jobs in the South Coastal SDA. Statewide,

## Labor Force, Employment and Unemployment

	Labor Force	Employed	Unemployed	Unemployment Rate	
				SDA	State Average
1983	231,190	216,330	14,860	6.4	6.9
1984	237,740	227,030	10,710	4.5	4.8
1985	237,520	228,660	8,870	3.7	3.9
1986	239,650	231,010	8,640	3.6	3.8
1987	243,220	236,020	7,200	3.0	3.2
1988	248,250	240,640	7,610	3.1	3.3
1989	250,080	240,570	9,500	3.8	4.0
1990	250,000	235,230	14,780	5.9	6.0

managers hold approximately the same percentage share (8.5%). About 33 percent of South Coastal's managers are in finance, personnel, purchasing, marketing, administrative services, and engineering. Middle managers in education, health services, manufacturing, construction, food service and lodgings, communications, utilities and real estate account for another 15.9 percent of South Coastal's management employment. General managers and top executives, whose jobs are too diverse and general in nature to be classified in any functional or line area of management, account for the most managerial jobs (43.9%).

### Professional and Technical Occupations

Professional and technical workers, numbering 28,700 account for 16.3 percent of employment in South Coastal, compared to 22.0 percent in Massachusetts. Teachers, educators, instructors and librarians account for the most professional and technical jobs (7,845) or 27.3%. Elementary and secondary teachers hold 45 percent of the teaching jobs.

Health practitioners, technicians and technologists account for the second largest number of professional and technical jobs (7,105) or 24.5 percent. Registered nurses, the largest health

care occupation, account for 2,455 jobs or 35 percent of the jobs in professional health care occupations. Accountants and auditors and other financial specialists; purchasing agents and buyers; personnel, training and labor relations specialists; cost estimators, assessors and other management support workers hold the third largest number of professional and technical jobs (5,180) or 18 percent. Accountants and auditors, budget analysts and other financial specialists hold over half of the jobs in the this category.

### Sales Occupations

Sales workers account for 15.4 percent of employment in South Coastal compared to 11.8 percent in Massachusetts. Retail trade sales representatives and cashiers account for over half the salesworkers in Massachusetts and South Coastal. Wholesale trade sales representatives and service sales representatives account for 2,600 jobs or 9.6 percent of sales employment.

### Clerical Occupations

The 35,180 clerical workers comprise 20.0 percent of employment in South Coastal. Secretaries, bookkeepers, receptionists, and other general office clerks account for half the clerical workers. Tellers, new accounts clerks, insurance adjusters, examiners,

investigators and policy processing clerks hold the second largest number of clerical and administrative jobs (6,015) or 17.1 percent. Stock clerks, traffic, shipping and receiving clerks hold 1,165 and 1,000 jobs, respectively, or the third largest number of clerical jobs.

### Service Occupations

Jobs in food service and preparation account for over half the 28,350 service occupation jobs. Cooks, waiters, waitresses, hosts and hostesses account for the bulk of the jobs in food service occupations. Janitors and cleaners and other cleaning and building service workers comprise the second largest number of service workers, with 4,505 jobs or 15.9 percent of South Coastal's employment. Nursing aides, orderlies and attendants, police officers and detectives, and security guards account for the remaining jobs in service occupations.

### Production, Construction and Machining Occupations

Production and construction workers, repairers, installers, assemblers and operators have the most jobs (40,880) or 23.2 percent of the jobs in South Coastal. Mechanics, repairers and installers are the largest jobholders in this group with 7,230 jobs or 17.7 percent of employment. Helpers, construction trades workers, and transportation and



## Earnings by Industry, 1989

	South Coastal	State Average
Total Earnings	\$22,690	\$25,220
Construction	30,860	29,550
Manufacturing	27,020	30,930
Communications/Utilities	31,010	29,890
Wholesale Trade	38,410	32,780
Retail Trade	14,240	13,780
Finance, Insurance & Real Estate	26,190	31,530
Services	20,530	24,010

material moving equipment operators such as truck drivers and crane and hoist operators each account for approximately 6,350 jobs, or 15.2 percent of employment. Machine operators, setters, and set-up operators have the fifth largest number of jobs (4,990), followed by assemblers and other hand workers with 3,645 jobs, and precision production workers with 2,745 jobs.

### Population

South Coastal's economic boom did not result in a population boom during the eighties. From 1980 to 1988 South Coastal's population grew 3.1 percent, slightly higher than the 2.7 percent statewide growth. Much of the population growth came from an increase in births over deaths, rather than from an increase in the number of people moving into the area. Population usually moves to where the jobs are but since much of the area is readily accessible by train or car, people didn't have to move into the area in order to get jobs.

South Coastal is still the fifth most populated SDA in Massachusetts. Approximately 30 percent of the SDA's population lives in Quincy and Weymouth. Between 1980 and 1988, Quincy's population declined 2 percent while Weymouth's remained fairly stable. Carver, Duxbury, Kingston,

Marshfield, and Plymouth had the fastest growing populations.

### Labor Force/Unemployment

Fueled by the strong economy, dramatic increases in the percentages of women looking for work, and the "aging" of the baby boomers, South Coastal's labor force grew rapidly from 1980 to 1988, increasing 12 percent, 4 times as fast the population did.

Changes in a local area's labor force are highly related to both the economy and unemployment. For example, from 1980 to 1984, when South Coastal's economy expanded rapidly, the labor force also expanded by 7 percent. From 1984 to 1989 when economic growth slowed, the labor force expanded only 5.2 percent. Between 1989 and 1990, when employment opportunities became difficult to find, the labor force remained virtually unchanged. With jobs increasing faster than the number of job seekers, unemployment rates in South Coastal remained below the state level for most of the decade.

Calendar year 1987 marked the end of declining unemployment. In 1989 both the number of unemployed and the jobless rate increased. In 1990 employment fell significantly and the unemployment rate rose sharply to 5.9

percent--the highest in seven years.

### Income/Wages

The average worker employed in the South Coastal SDA earns \$22,685 or 90 percent of the statewide average (\$25,220). Most of difference in this SDA's lower earnings can be explained by the presence of so many clerical and administrative workers employed in finance, insurance and real estate. Many banks and insurance companies have data processing centers located in this SDA and employ relatively higher numbers of administrative workers than stock brokers, economists and other highly paid professionals. The table above lists workers' earnings by industry in Massachusetts and the South Coastal SDA.

Workers in South Coastal's construction, trade, and transportation industries earn more than the statewide average, but workers in manufacturing, services and finance, insurance and real estate earn considerably less than the state average. The large number of workers employed in these sectors lowers the average earnings of the whole area.

**Table A:  
South Coastal  
Employment  
by Occupation**

		<b>Employment</b>	<b>Percent Distribution</b>
	Total Occupational Employment	176080	100.00
Managerial Occupations	Managerial And Administrative Occupations	15850	9.01
	Staff And Administrative Specialty Managerial Occupations	5180	2.95
	Financial Managers	2460	1.40
	Personnel, Training And Labor Relation Managers	330	0.19
	Purchasing Managers	415	0.24
	Marketing, Advertising And Related Managers	790	0.45
	Administrative Service Managers	845	0.48
	Engineering, Mathematical And Natural Science Managers	340	0.19
	Line And Middle Management Industry Specific Occupations	2520	1.43
	Education Administrators	440	0.25
	Medical And Health Service Managers	420	0.24
	Property And Real Estate Managers And Administrators	215	0.12
	Industrial Production Managers	265	0.15
	Construction Managers	525	0.30
	Communications, Transportation, Utilities Operations Managers	195	0.11
	Food Service And Lodging Managers	460	0.26
	Other Managerial And Administrative Occupations	8150	4.63
	Pub Admin Chief Executives, Legislators, General Administrators	230	0.13
	General Managers And Top Executives	6955	3.95
	All Other Managers And Administrators	965	0.55
Professional & Technical Occupations	Professional, Paraprofessional And Technical Occupations	28700	16.31
	(Management Support Occupations)		
	Accountants, Auditors And Other Financial Specialists	2665	1.52
	Underwriters	350	0.20
	Loan Officers And Counselors	680	0.39
	Accountants And Auditors	1180	0.67
	All Other Financial Specialists	455	0.26
	Purchasing Agents And Buyers	565	0.33
	Wholesale And Retail Buyers, Except Farm Products	380	0.22
	Purchasing Agents - Exc Wholesale, Retail & Farm Products	185	0.11
	Personnel, Training, Labor Relations Specialists And Related	720	0.41
	Special Agents, Insurance	60	0.03
	Employment Interviewers	185	0.11
	Personnel, Training And Labor Relations Specialists	475	0.27
	Other Management Support Workers	1230	0.69
	Cost Estimators	260	0.15
	Construction And Building Inspectors	105	0.06
	Compliance Officers, Enforcement Inspectors, Exc Construction	70	0.04
	Assessors	200	0.11
	Claims Examiners, Property And Casualty Insurance	110	0.06
	All Other Management Support Workers	485	0.27
(Engineers & Engineering Technicians)	Engineers	1870	1.06
	Chemical Engineers	70	0.04
	Nuclear Engineers	125	0.07
	Civil Engineers, Including Traffic Engineers	230	0.13
	Electrical And Electronic Engineers	655	0.37
	Industrial And Safety Engineers	110	0.06
	Mechanical Engineers	245	0.14
	All Other Engineers	435	0.25

**Table A:  
South Coastal  
Employment  
by Occupation**

		Employment	Percent Distribution
(Computer & Math Scientists)	Architects And Surveying And Mapping Scientists	180	0.10
	Architects, Except Landscape And Marine	180	0.10
	Engineering And Related Technicians And Technologists	1370	0.78
	Electrical, Electronic Engineering Technicians, Technologists	375	0.21
	Industrial Engineering Technicians And Technologists	50	0.03
	Mechanical Engineering Technicians And Technologists	100	0.06
	Drafters	440	0.25
	All Other Engineering Technicians And Technologists	405	0.23
	Physical Scientists	285	0.16
	Chemists, Except Biochemists	105	0.06
	All Other Physical Scientists	180	0.10
	Life Scientists	55	0.03
	All Other Life Scientists	55	0.03
	Physical And Life Science Technicians And Technologists	105	0.06
	Chemical Technicians, Technologists, Exc Health, Engineering	50	0.03
	All Other Physical And Life Science Technicians, Technologist	55	0.03
	Computer Scientists And Related Workers	765	0.44
	Systems Analysts, Electronic Data Processing	315	0.18
	Computer Programmers	450	0.26
	Mathematical Scientists And Related Workers	265	0.15
	Operations And Systems Researchers	75	0.04
	Financial Analysts	105	0.06
	All Other Mathematical Scientists	85	0.05
	Social Scientists, Including Urban And Regional Planners	165	0.10
	Economists, Including Market Research Analysts	65	0.04
	Psychologists	100	0.06
	Other Selected Social Science Related Workers	1175	0.67
	Social Workers, Medical And Non-medical	530	0.30
	Social Service Technicians	245	0.14
	Recreation Workers	400	0.23
(Lawyers, Paralegals & Related)	Lawyers And Related Workers	415	0.24
	Lawyers	415	0.24
	Legal Assistants And Technicians, Except Clerical	115	0.07
	Paralegal Personnel	115	0.07
(Teachers Educa- tors, Librarians & Related)	College And University Faculty	725	0.41
	Other Teachers And Instructors	5735	3.24
	Teachers, Preschool And Kindergarten	485	0.27
	Teachers, Elementary	1645	0.93
	Teachers, Secondary School	1890	1.07
	Teachers, Special Education	555	0.31
	Teachers And Instructors, Vocational Education	130	0.07
	Instructors, Nonvocational Education	295	0.17
	Instructors And Coaches, Sports	450	0.26
	All Other Teachers And Related Workers	285	0.16

**Table A:  
South Coastal  
Employment  
by Occupation**

by Occupation	Employment	Percent Distribution	
(Health Practitioners, Technicians & Technologists)	Librarians, Archivists, Curators, Other Slected Ed Rel Works	1385	0.79
	Librarians, Professional	330	0.19
	Technical Assistants, Library	280	0.16
	Vocational And Educational Counselors	230	0.13
	Instructional Coordinators	65	0.04
	Teacher Aides, Paraprofessional	480	0.27
	Health Diagnosing And Treating Practitioners	575	0.32
	Physicians And Surgeons	355	0.20
	Dentists	145	0.08
	All Other Health Diagnosing And Treating Practitioners	75	0.04
	Therapists	460	0.26
	Respiratory Therapists	85	0.05
	Occupational Therapists	75	0.04
	Physical Therapists	150	0.09
	Speech Pathologists And Audiologists	60	0.03
	Recreational Therapists	90	0.05
	Selected Health Care Maintenance And Treating Workers	4390	2.50
	Registered Nurses	2455	1.39
	Licensed Practical Nurses	1285	0.73
	Emergency Medical Technicians	155	0.09
	Physician Assistants	80	0.05
	Pharmacists	235	0.13
	Dieticians And Nutritionists	115	0.07
	Dietetic Technicians	65	0.04
	Other Health Professionals, Paraprofessionals And Technicians	1680	0.95
	Medical And Clinical Laboratory Technologists And Technicians	470	0.27
	Dental Hygienists	125	0.07
	Medical Records Technicians	125	0.07
	Radiologic Technicians	475	0.27
	All Other Health Professionals And Others	485	0.27
	Selected Writers, Artists, Entertainers, Athletes And Related	1170	0.67
	Writers And Editors, Including Technical Writers	240	0.14
	Public Relations Specialists And Publicity Writers	105	0.06
	Reporters And Correspondents	150	0.09
	Photographers And Camera Operators	55	0.03
	Artists And Related Workers	135	0.08
	Interior Designers	390	0.22
	Musicians, Instrumental	95	0.05
	Other Professional, Paraprofessional, Technical Occupations	635	0.36
	All Other Professional, Paraprofessional And Technicians	635	0.36
Marketing & Sales Occupations	Sales And Related Occupations	27120	15.39
	First Line Supervisors And Manager/supervisors	1930	1.10
	Sales Occupations, Services	1705	0.97
	Sales Agents And Placers, Insurance	405	0.23
	Brokers And Sales Agents, Real Estate	160	0.09
	Sales Agents, Securitites, Commodities And Financial Services	275	0.16
	Travel Agents	245	0.14
	Sales Agents, Advertising	155	0.09
	All Other Sales Representatives, Service	465	0.26



**Table A:  
South Coastal  
Employment  
by Occupation**

	Employment	Percent Distribution
Merchandise, Products, Other Sales, Sales-related Occupations	23485	13.32
Sales Engineers	150	0.09
Sales Reps, Scientific And Related Products And Services	960	0.54
Sales Reps, Exc Scientific And Related Products Or Services	1640	0.93
Salespersons, Retail Trade	9280	5.27
Salespersons, Parts	495	0.28
Counter And Rental Clerks	465	0.26
Stock Clerks, Sales Floor	3460	1.96
Cashiers	6075	3.45
All Other Sales And Related Workers	960	0.54
Clerical Occupations		
Clerical And Administrative Support Occupations	35180	19.99
First Line Supervisors - Clerical And Administrative Clerks	2710	1.54
Banking, Security, Finance And Credit Workers	4905	2.77
Tellers	3000	1.70
New Accounts Clerks	635	0.36
Transit Clerks	60	0.03
Loan And Credit Clerks	430	0.24
Adjustment Clerks	385	0.22
Brokerage Clerks	395	0.22
Selected Insurance Workers	1110	0.63
Adjusters, Examiners, Investigators	275	0.16
Insurance Claims Clerks	440	0.25
Insurance Policy Processing Clerks	395	0.22
Investigative And Related Workers, Except Insurance	275	0.16
Bill And Account Collectors	275	0.16
Municipal And Related Workers	80	0.05
Municipal Clerks	80	0.05
Selected Lodging And Travel Workers	80	0.05
Hotel Desk Clerks	80	0.05
Other Selected Industry Specific Workers	600	0.34
Library Assistants And Bookmobile Drivers	205	0.12
Teacher Aides And Education Assistants	280	0.16
Advertising Clerks	55	0.03
Proofreaders And Copy Markers	60	0.03
Secretaries, Stenographers And Typists	5055	2.87
Legal Secretaries	250	0.14
Medical Secretaries	390	0.22
Secretaries	4415	2.51
Other Secretarial Related And General Office Workers	12795	7.27
Stenographers	100	0.06
Receptionists And Information Clerks	1265	0.72
Typists And Word Processors	950	0.54
Personnel Clerks, Except Payroll And Timekeeping	135	0.08
File Clerks	425	0.24
Order Clerks - Materials, Merchandise And Service	590	0.33
Statistical Clerks	55	0.03
Interview Clerks, Except Personnel And Welfare	275	0.16
Customer Service Representative, Utilities	130	0.07
Bookkeeping, Accounting, Auditing Clerks	3725	2.12
Payroll And Timekeeping Clerks	340	0.19
Billing, Cost And Rate Clerks	620	0.35
General Office Clerk	4185	2.38

**Table A:  
South Coastal  
Employment  
by Occupation**

	Employment	Percent Distribution
Electronic Data Processing, Other Office Machine Occupations	1630	0.93
Billing, Posting And Calculating Machine Operators	150	0.09
Mail Machine Operators, Preparing And Handling	90	0.05
Computer Operators, Except Peripheral Equipment	455	0.26
Data Entry Keyers, Except Composing	670	0.38
All Other Office Machine Operators	265	0.15
Communications Equipment Operators	595	0.34
Switchboard Operator	490	0.28
Central Office Operators	105	0.06
Mail And Message Distribution Workers	340	0.20
Mail Clerks, Except Machine Operators And Post Office Messengers	120	0.07
	220	0.13
Material Recording, Scheduling, Dispatching, Distributing	3690	2.09
Dispatchers - Police, Fire, Ambulance	130	0.07
Dispatchers - Except Police, Fire And Ambulance	160	0.09
Production, Planning, Expediting Clerks	280	0.16
Meter Readers, Utilities	60	0.03
Stock Clerks - Stockroom, Warehouse And Storage Yard	1165	0.66
Order Fillers, Wholesale And Retail Sales	525	0.30
Traffic, Shipping And Receiving Clerks	1000	0.57
All Other Material Recording And Related Workers	370	0.21
All Other Clerical And Administrative Support Occupations	1315	0.75
All Other Clerical And Administrative Support Workers	1315	0.75
Service Occupations	28350	16.10
Service Occupations		
First Line Supervisors - Service	825	0.46
Fire Fighting And Prevention Supervisors	95	0.05
All Other Service Supervisors	730	0.41
Protective Service Occupations	3160	1.78
Fire Fighters	535	0.30
Police Detectives And Investigators	560	0.32
Detectives And Investigators	75	0.04
Crossing Guards	95	0.05
Guards And Watch Guards	1785	1.01
All Other Protective Services	110	0.06
Food And Beverage Preparation And Service Workers	14230	8.08
Hosts And Hostesses	455	0.26
Bartenders	950	0.54
Waiters And Waitresses	4560	2.59
Dining Room, Counter And Cafe Attendants	970	0.55
Bakers, Bread And Pastry	295	0.17
Butchers And Meat Cutters	240	0.14
Cooks, Restaurant	1005	0.57
Cooks, Institution Or Cafe	605	0.34
Cooks, Speciality Fast Food And Fast Food	935	0.53
Food Preparation Workers	1855	1.05
All Other Food Service Workers	2360	1.34
Health Service And Related Occupations	3220	1.83
Dental Assistants	110	0.06
Medical Assistants	130	0.07
Nurse Aides, Orderlies And Attendants	2165	1.23
Home Health Aides	295	0.17
Psychiatric Aides	180	0.10
Pharmacy Assistants	135	0.08

**Table A:  
South Coastal  
Employment  
by Occupation**

	Employment	Percent Distribution
Pharmacy Assistants	135	0.08
All Other Health Servicers	205	0.12
Cleaning, Building Service Occupations, Exc Private Househlds	4505	2.56
Janitors And Cleaners, Including Housekeepers And Maids	1195	0.68
Janitors And Cleaners	2850	1.62
All Other Cleaning And Building Service Workers	460	0.26
Personal Service Occupations	1530	0.86
Cosmetologists And Related	890	0.50
Amusement And Recreation Attendants	110	0.06
Guides	110	0.06
Ushers, Lobby Attendants And Ticket Takers	50	0.03
Social Welfare Service Aides	215	0.12
Child Care Workers	155	0.09
All Other Service Occupations	310	0.18
All Other Service Workers	310	0.18
Agricultural, Forestry, Fishing And Related Occupations	570	0.32
Gardeners And Groundskeepers, Except Farm	445	0.25
All Other Agricultural, Forestry And Related Workers	125	0.07
<b>Production, Construction &amp; Maintenance Occupations</b>	<b>40880</b>	<b>23.23</b>
Production, Construction And Maintenance Occupations		
First Line Supervisors, Manager/supers - Prod, Constr, Maint	2535	1.45
First Line Supervisors - Mechanics And Repairers	920	0.52
First Line Supervisors - Constuction And Related	685	0.39
First Line Supervisors - Production And Related	665	0.38
First Line Supervisors - Transportation And Related	80	0.05
First Line Supervisors - Helpers And Others	80	0.05
Blue Collar Worker Supervisors	105	0.06
Precision And Production Inspectors	515	0.29
<b>(Mechanics, Installers &amp; Repairers)</b>		
Machinery And Related Mechanics, Installers And Repairers	2205	1.26
Machinery Maintenance Mechanics	135	0.08
Mach Maintenance Mechanics, Water Or Power Generation Plant	65	0.04
Maintenance Repairers, General Utility	2005	1.14
Mobile Equipment Mechanics, Installers And Repairers	2145	1.22
Automotive Mechanics	1365	0.77
Automotive Body And Related Repairers	435	0.25
Motorcycle Repairers	85	0.05
Bus And Truck Mechanics And Diesel Mechanics	205	0.12
Mobile Heavy Equipment Mechanics	55	0.03
Communications Equipment Mechanics, Installers And Repairers	155	0.09
Central Office And Pbx Installers And Repairers	155	0.09
Other Electrical, Electronic Equip Mechs, Installers, Repairs	1030	0.58
Telephone And Cable Tv Line Installers And Repairers	140	0.08
Data Processing Equipment Repairers	100	0.06
Electronic Home Entertainment Equipment Repairers	55	0.03
Electric Home Appliance And Power Tool Repairers	145	0.08
Electronics Repairers, Industrial Equipment	110	0.06
Electric Powerline Installers And Repairers	190	0.11
Station Installers And Repairers, Telephone	215	0.12
All Other Electric, Electronic Equip Mechs, Reprers, Instllrs	75	0.04

**Table A:  
South Coastal  
Employment  
by Occupation**

by Occupation	Employment	Percent Distribution	
(Construction Trades Occupations)	Other Mechanics, Installers And Repairers	1695	0.96
	Heating, Air Conditioning, Refrigeration Mechs, Installers	690	0.39
	Elevator Installers And Repairers	225	0.13
	Coin And Vending Machine Servicers	110	0.06
	All Other Mechanics, Installers And Repairers	670	0.38
	Selected Carpentry And Related Workers	1940	1.10
	Carpenters	1430	0.81
	Ceiling Tile Installers	80	0.05
	Drywall Installers And Tapers	430	0.24
	Selected Electrical And Related Workers	960	0.54
	Electricians	960	0.54
	Selected Masonry And Related Workers	895	0.50
	Brick Masons And Stone Masons	305	0.17
	Concrete And Terrazzo Finishers	105	0.06
	Reinforcing Metal Workers	410	0.23
	Plasterers And Stucco Masons	75	0.04
	Selected Painting And Related Workers	530	0.30
	Painters, Paperhangers, Construction And Maintenance	530	0.30
	Selected Plumbing And Related Workers	405	0.23
	Plumbers, Pipefitters And Steamfitters	325	0.18
	Pipelayers	80	0.05
	Selected Floor Related Workers, Except Carpenters	80	0.05
	Carpet Installers	80	0.05
	Selected Road, Rail, Related Constr & Maint Wrks, Exc Masons	230	0.13
	Highway Maintenance Workers	230	0.13
	All Other Construction Trades Workers	675	0.38
	Insulation Workers	70	0.04
	Sheet Metal Duct Installers	315	0.18
	Roofers	130	0.07
	Glaziers	160	0.09
(Precision Production Occupations)	Extractive And Related, Including Blasters	545	0.31
	All Other Construction And Extractive Occupations	545	0.31
	Precision Metal Workers	1305	0.76
	Tool And Die Makers	115	0.07
	Machinists	610	0.35
	Precision Tool Grinders, Filers, Sharpeners	65	0.04
	Sheet Metal Workers	400	0.23
	All Other Precision Metal Workers	115	0.07
	Precision Woodworkers	280	0.17
	Wood Machinists	80	0.05
	Cabinetmakers And Bench Carpenters	120	0.07
	All Other Precision Woodworkers	80	0.05
	Precision Textile, Apparel And Furnishings Workers	525	0.30
	Custom Tailors And Sewers	155	0.09
	Shoe And Leather Workers And Repairers - Precision	265	0.15
	All Other Precision Textile And Related Workers	105	0.06



**Table A:  
South Coastal  
Employment  
by Occupation**

	Employment	Percent Distribution
Precision Printing Workers	210	0.12
Precision Lithography And Photoengraving Workers	95	0.05
All Other Precision Printing Workers	115	0.07
Precision Food Workers	85	0.05
All Other Precision Food And Tobacco Workers	85	0.05
Other Precision Workers	340	0.19
Precision Detail Design Decorators And Painters	50	0.03
All Other Precision Workers	290	0.16
(Machine Setters, Set-up Operators, Operators, & Tenders)		
Machine Tool Cutting Setters, Ops And Related - Metal, Plas	320	0.18
Lathe, Turning Mach Tool Setters, Set-up Operators, Metal, Pl	90	0.05
Drilling, Boring Mach Tool Setters, Set-up Ops, Metal, Pl	60	0.03
Grinding, Lapping, Buffing Machine Tool Setters, Set-up Ops	50	0.03
Machine Tool Cutting Operators	120	0.07
Machine Forming Setters, Operators And Related Workers	360	0.20
Press, Press Brake Machine Setters, Set-up Ops, Metal, Plas	60	0.03
Sheetmetal Machine Operator	300	0.17
Numerical And Combination Tool Setters, Operators And Related	250	0.14
Numerical Control Machine Tool Operators, Tenders, Met, Plas	85	0.05
Combination Machine Tool Setters, Set-up Ops, Metal, Plastic	70	0.04
Combination Machine Tool Operators, Metal And Plastics	95	0.05
Metal Fabricating, Related Machine Setters, Operators	125	0.07
Metal Fabricators, Structural Metal Products	125	0.07
Metal, Plastic Processing Machine Setters, Operators, Related	295	0.17
Plastic Molding, Casting Machine Operators And Tenders	155	0.09
Electrolytic Plating And Coating Machine Operators, Tenders	90	0.05
Heat Treating, Annealing, Tempering Mach Operators, Tenders	50	0.03
All Other Metal, Plastic Machine Setters, Operators, Related	435	0.25
All Other Metal, Plastic Machine Setters, Set-up Operators	300	0.17
All Other Metal And Plastic Machine Operators And Tenders	135	0.08
Woodworking Machine Setters, Operators, Other Related Workers	115	0.07
Woodworking Machine Operators And Tenders, Except Sawing	115	0.07
Printing, Binding And Related Workers	705	0.40
Offset Lithographic Press Setters	125	0.07
All Other Printing Related Setters And Set-up Operators	100	0.06
Typesetting And Composing Machine Operators And Tenders	80	0.05
Printing Press Machine Operators	220	0.12
Bindery Machine Operators	55	0.03
All Other Printing, Binding, Related Machine Ops And Tenders	125	0.07
Textile, Related Setters, Operators And Other Related Workers	870	0.50
Sewing Machine Operators, Garment	75	0.04
Sewing Machine Operators, Non-garment	170	0.10
Shoe Sewing Machine Operators	95	0.05
Laundry And Drycleaning Machine Operators	450	0.26
Pressing Machine Operators, Textile	80	0.05
Other Machine Setters, Set-up Operators, Operators, Tenders	1515	0.86
Electronic Semiconductor Processors	75	0.04
Photographic Process Machine Operators	75	0.04
Cutting And Slicing Machine Operators	80	0.05
Coating, Painting And Spraying Machine Operators And Tenders	75	0.04

**Table A:  
South Coastal  
Employment  
by Occupation**

		<b>Employment</b>	<b>Percent Distribution</b>
	Packaging And Filling Machine Operators	250	0.14
	All Other Machine Operators	845	0.48
(Assemblers & other Hand Workers)	Precision Assemblers	505	0.28
	Machine Builders And Other Precision Machine	60	0.03
	Electromechanical Equipment Assemblers - Prec	175	0.10
	Electrical And Electronic Equipment Assembler	200	0.11
	All Other Precision Metal Assemblers	70	0.04
	Other Hand Workers, Including Assemblers And Fabricators	3140	1.78
	Electrical And Electronic Assemblers	405	0.23
	Welders And Cutters	265	0.15
	Solderers And Brazers	85	0.05
	Cannery Workers	70	0.04
	Grinding And Polishing Workers, Hand	75	0.04
	Assemblers, Fabricators - Exc Mach, Electrcl, Electrnc, Prec	1615	0.92
	All Other Hand Workers	625	0.35
	Plant And Systems Occupations	185	0.10
	Water And Liquid Waste Treatment Plant And System Operators	105	0.06
	All Power Operators	60	0.03
	All Other Plant And System Operators	20	0.01
(Transportation & Material Moving Machine & Vehicle Operators)	Motor Vehicle Operators	4310	2.46
	Truck Drivers, Heavy	1800	1.02
	Truck Drivers, Light - Including Delivery And Route Drivers	1385	0.79
	Bus Drivers	170	0.10
	Bus Drivers, School	245	0.14
	Taxi Drivers And Chauffeurs	295	0.17
	Driver/sales Workers	415	0.24
	All Other Transportation And Related Workers	935	0.53
	Service Station Attendants	625	0.35
	All Other Transportation Workers	310	0.18
	Material Moving Equipment Operators	985	0.55
	Excavating And Loading Machine Operators	160	0.09
	Grading, Dozing And Scraper Operators	75	0.04
	Industrial Truck And Tractor Operators	355	0.20
	Operating Engineers	325	0.18
	All Other Material Moving Equipment Operators	70	0.04
(Helpers, Laborers & Material Movers- Hand)	Constructive Trades, Extractive Worker Helpers	1370	0.78
	Helpers, All Other Construction Trades	1370	0.78
	Machine Feeders And Offbearers	340	0.19
	Machine Feeders And Offbearers	340	0.19
	Freight, Stock And Material Handlers, Hand	140	0.08
	Refuse Collectors	140	0.08
	All Other Helpers, Laborers, Material Movers - Hand	4695	2.66
	Hand Packers And Packagers	1115	0.63
	Vehicle Washers And Equipment Cleaners	225	0.13
	All Other Helpers, Laborers, Movers - Hand	3355	1.90

**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

		Employment	Percent Distribution
Managerial & Executive Occupations	o Financial Managers	2460	100.00
	Commercial And Stock Savings Banks	570	23.17
	Credit Agencies Other Than Banks	210	8.54
	Legal Services	190	7.72
	Investment Offices	175	7.11
	All Other Finance, Insurance And Real Estate	160	6.50
	Durable Goods Manufacturing	150	6.10
	All Other Service	150	6.10
	All Other Health Services	145	5.89
	Local Government, Except Education And Hospitals	120	4.88
	All Other Special Trade Constructors	90	3.66
	All Other Business Services	80	3.25
	All Other General Building Contractors	70	2.85
	Wholesale And Retail Trade	70	2.85
	Real Estate Agents And Managers	70	2.85
	Nondurable Goods Manufacturing	65	2.64
	Miscellaneous Services	60	2.44
	o Personnel, Training And Labor Relation Managers	330	100.00
	All Other Service	95	28.79
	Durable Goods Manufacturing	60	18.18
	All Other Business Services	55	16.67
	Wholesale And Retail Trade	50	15.15
	o Purchasing Managers	415	100.00
	All Other Wholesale And Retail Trade	130	31.33
	All Other Miscellaneous Retail Stores	75	18.07
	All Other Wholesale Trade-nondurable Goods	60	14.46
	All Other Wholesale Trade-durable Goods	50	12.05
	o Marketing, Advertising And Related Managers	790	100.00
	All Other Wholesale And Retail Trade	160	20.25
	Durable Goods Manufacturing	110	13.92
	Personnel Supply Services	95	12.03
	All Other Service	90	11.39
	All Other Business Services	75	9.49
	Motor Vehicle Dealers (new And Used)	70	8.86
	Finance, Insurance And Real Estate	70	8.86
	Nondurable Goods Manufacturing	65	8.23
	o Administrative Service Managers	845	100.00
	Local Government, Except Education And Hospitals	505	59.76
	Service	190	22.48
	Finance, Insurance And Real Estate	50	5.92
	o Engineering, Mathematical And Natural Science Managers	340	100.00
	Durable Goods Manufacturing	100	29.41
	All Other Business Services	95	27.94
	All Other Service	85	25.00
	o Education Administrators	440	100.00
	Educational Services	375	85.23
	All Other Service	65	14.77

**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

	Employment	Percent Distribution
o Medical And Health Service Managers	420	100.00
Office Of Dentists	135	32.14
All Other Health Services	95	22.62
Nursing And Personal Care Facilities	65	15.48
Hospitals	65	15.48
Local Government, Except Education And Hospitals	45	10.71
All Other Service	15	3.57
o Property And Real Estate Managers And Administrators	215	100.00
Real Estate Agents And Managers	145	67.44
All Other Real Estate	60	27.91
o Industrial Production Managers	265	100.00
Durable Goods Manufacturing	160	60.38
Nondurable Goods Manufacturing	105	39.62
o Construction Managers	525	100.00
All Other Special Trade Contractors	175	33.33
General Building Contractors - Residential Buildings	135	25.72
All Other Construction	110	20.95
General Building Contractors - Nonresidential Buildings	50	9.53
o Food Service And Lodging Managers	460	100.00
Eating And Drinking Places	315	68.48
Service	120	26.09
o General Managers And Top Executives	6955	100.00
Eating And Drinking Places	440	6.33
All Other Wholesale Trade-durable Goods	295	4.24
Investment Offices	290	4.17
All Other Special Trade Contractors	260	3.74
Food Stores	250	3.60
Commercial And Stock Savings Banks	230	3.31
All Other Service	225	3.24
All Other Construction	210	3.02
All Other Wholesale And Retail Trade	205	2.95
All Other Wholesale Trade-nondurable Goods	195	2.80
All Other Miscellaneous Retail Stores	190	2.73
Miscellaneous Shopping Goods Stores	175	2.52
Social Services	170	2.44
All Other Durable Goods Manufacturing	165	2.37
All Other Nondurable Goods Manufacturing	160	2.30
Women's Ready-to-wear Stores	145	2.08
Personnel Supply Services	140	2.01
Miscellaneous Business Services	135	1.94
Transportation And Public Utilities	130	1.87
Lumber And Other Building Materials Dealers	130	1.87
Real Estate Agents And Managers	130	1.87
All Other Finance, Insurance And Real Estate	130	1.87
Machinery, Except Electrical	125	1.80
All Other Apparel And Accessory Stores	125	1.80
All Other Business Services	125	1.80
All Other Health Services	125	1.80
Insurance Agents, Brokers And Service	120	1.72
Furniture, Home Furnishings, Equip Stores, Exc Appliances	110	1.58
Machinery, Equipment And Supplies	105	1.51



**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

		Employment	Percent Distribution
Professional & Technical Occupations	Motor Vehicle Dealers (new And Used)	105	1.51
	Miscellaneous Services	105	1.51
	Credit Agencies Other Than Banks	100	1.44
	Department Stores	95	1.37
	All Other Furniture And Home Furnishing Stores	95	1.37
	Plumbing, Heating (except Electric), Air Conditioning	90	1.29
	Commercial Printing	85	1.22
	All Other Printing And Publishing	85	1.22
	Personal Services	80	1.15
	Educational Services	80	1.15
	General Building Contractors - Residential Buildings	75	1.08
	General Building Contractors - Nonresidential Buildings	70	1.01
	All Other Electrical And Electronic Equipment	70	1.01
	Miscellaneous Amusement And Recreation Services	70	1.01
	o Underwriters	350	100.00
	Insurance Agents, Brokers And Service	245	70.00
	Fire, Marine And Casualty Insurance	65	18.57
	o Loan Officers And Counselors	680	100.00
	Commercial And Stock Savings Banks	515	75.74
	Credit Agencies Other Than Banks	125	18.38
	o Accountants And Auditors	1180	100.00
	Miscellaneous Services	225	19.07
	All Other Wholesale And Retail Trade	185	15.68
	All Other Service	155	13.14
	Eating And Drinking Places	90	7.63
	Durable Goods Manufacturing	85	7.20
	All Other Finance, Insurance And Real Estate	85	7.20
	All Other Real Estate	65	5.51
	Nondurable Goods Manufacturing	60	5.08
	Investment Offices	55	4.66
	Local Government, Except Education And Hospitals	55	4.66
	All Other Insurance Carriers	50	4.24
	o Wholesale And Retail Buyers, Except Farm Products	380	100.00
	All Other Wholesale And Retail Trade	130	34.21
	Department Stores	90	23.69
	Women's Ready-to-wear Stores	55	14.47
	All Other Miscellaneous Retail Stores	55	14.47
	Lumber And Other Building Materials Dealers	50	13.16
	o Purchasing Agents - Exc Wholesale, Retail & Farm Products	185	100.00
	Durable Goods Manufacturing	90	48.65
	o Personnel, Training And Labor Relations Specialists	475	100.00
	Personnel Supply Services	220	46.32
	Wholesale And Retail Trade	60	12.63
	All Other Service	60	12.63
	Miscellaneous Business Services	50	10.53
	o Civil Engineers, Including Traffic Engineers	230	100.00
	Miscellaneous Services	140	60.87
	Local Government, Except Education And Hospitals	55	23.91

**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

		Employment	Percent Distribution
o	Electrical And Electronic Engineers	655	100.00
	All Other Business Services	245	37.41
	All Other Durable Goods Manufacturing	85	12.98
	Miscellaneous Business Services	80	12.21
	All Other Electrical And Electronic Equipment	65	9.92
	Electronic Components And Accessories	50	7.63
o	Mechanical Engineers	245	100.00
	Durable Goods Manufacturing	120	48.98
	Service	60	24.49
o	Drafters	440	100.00
	Miscellaneous Services	170	38.64
	All Other Durable Goods Manufacturing	100	22.73
	Machinery, Except Electrical	65	14.77
	Plumbing, Heating (except Electric), Air Conditioning	50	11.36
o	Computer Systems Analysts	315	100.00
	All Other Business Services	85	26.98
	Durable Goods Manufacturing	60	19.05
	Finance, Insurance And Real Estate	55	17.46
o	Computer Programmers	450	100.00
	All Other Business Services	130	28.89
	Wholesale And Retail Trade	80	17.78
	All Other Service	60	13.33
	Durable Goods Manufacturing	55	12.22
o	Social Workers	530	100.00
	Social Services	265	50.00
	Outpatient Care Facilities	85	16.04
	Nursing And Personal Care Facilities	60	11.32
	All Other Health Services	55	10.38
	Educational Services	55	10.38
o	Recreation Workers	400	100.00
	Membership Organizations	120	30.00
	All Other Health Services	90	22.50
	Local Government, Except Education And Hospitals	70	17.50
	All Other Service	65	16.25
	Miscellaneous Amusement And Recreation Services	55	13.75
o	Lawyers	415	100.00
	Legal Services	270	65.06
	Investment Offices	55	13.25
o	College And University Faculty	725	100.00
	Educational Services	705	97.24

**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

	Employment	Percent Distribution
o Teachers, Preschool And Kindergarden	485	100.00
Social Services	290	59.80
Educational Services	185	38.14
o Teachers, Elementary	1645	100.00
Educational Services	1645	100.00
o Teachers, Secondary School	1890	100.00
Educational Services	1890	100.00
o Teachers, Special Education	555	100.00
Educational Services	555	100.00
o Instructors, Nonvocational Education	295	100.00
Social Services	130	44.07
Educational Services	90	30.51
All Other Service	75	25.42
o Librarians, Professional	330	100.00
Educational Services	240	72.73
Local Government, Except Education And Hospitals	85	25.76
o Teacher Aides, Paraprofessional	480	100.00
Educational Services	480	100.00
o Physicians And Surgeons	355	100.00
Office Of Physicians	190	53.52
All Other Health Services	100	28.17
o Registered Nurses	2455	100.00
Hospitals	1580	64.36
Nursing And Personal Care Facilities	225	9.17
Office Of Physicians	190	7.74
All Other Health Services	120	4.89
Outpatient Care Facilities	105	4.28
Educational Services	75	3.05
Social Services	75	3.05
Personnel Supply Services	55	2.24
o Licensed Practical Nurses	1285	100.00
Nursing And Personal Care Facilities	495	38.52
Hospitals	415	32.29
Personnel Supply Services	120	9.34
Office Of Dentists	110	8.56
All Other Service	75	5.84
Office Of Physicians	65	5.06
o Pharmacists	235	100.00
Drug Stores And Proprietary Stores	170	72.34
Hospitals	55	23.40

**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

		Employment	Percent Distribution
Marketing & Sales Occupations	o Medical And Clinical Laboratory Technologists And Technician	470	100.00
	All Other Health Services	215	45.74
	Hospitals	190	40.43
	Office Of Dentists	65	13.83
	o Radiologic Technicians	475	100.00
	Office Of Physicians	315	66.32
	Hospitals	125	26.31
	o Sales Supervisors And Manager/Supervisors	1930	100.00
	Food Stores	275	14.25
	Investment Offices	175	9.07
	Personnel Supply Services	155	8.03
	Women's Ready-to-wear Stores	120	6.22
	All Other Miscellaneous Retail Stores	105	5.44
	Miscellaneous Shopping Goods Stores	100	5.18
	Durable Goods Manufacturing	95	4.92
	All Other Service	95	4.92
	Department Stores	90	4.66
	All Other Finance, Insurance And Real Estate	90	4.66
	All Other Wholesale Trade-durable Goods	85	4.40
	All Other Apparel And Accessory Stores	85	4.40
	All Other Wholesale And Retail Trade	80	4.15
	Nondurable Goods Manufacturing	75	3.89
	All Other Business Services	75	3.89
	Gasoline Service Stations	60	3.11
	Drug Stores And Proprietary Stores	60	3.11
	Machinery, Equipment And Supplies	55	2.85
	Insurance Agents, Brokers And Service	55	2.85
	o Insurance Sales Agents	405	100.00
	All Other Finance, Insurance And Real Estate	175	43.21
	Insurance Agents, Brokers And Service	140	34.57
	Fire, Marine And Casualty Insurance	90	22.22
	o Sales Agents, Securitites, Commodities And Financial Service	275	100.00
	Investment Offices	120	43.64
	All Other Finance, Insurance And Real Estate	95	34.54
	Commercial And Stock Savings Banks	60	21.82
	o Travel Agents	245	100.00
	Transportation And Public Utilities	245	100.00
	o Sales Reps, Scientific And Related Products And Services	960	100.00
	All Other Wholesale Trade-durable Goods	290	30.21
	Machinery, Equipment And Supplies	230	23.96
	All Other Wholesale Trade-nondurable Goods	115	11.98
	Personnel Supply Services	115	11.98
	Durable Goods Manufacturing	80	8.33
	All Other Business Services	55	5.73
	All Other Printing And Publishing	50	5.21
	o Sales Reps, Exc Scientific And Related Products Or Services	1640	100.00
	All Other Wholesale Trade-nondurable Goods	440	26.83
	All Other Wholesale Trade-durable Goods	255	15.55



**Table B:**  
**South Coastal**  
**Employment in**  
**Selected Occupations**  
**by Industry**

	Employment	Percent Distribution
Machinery, Equipment And Supplies	165	10.06
All Other Special Trade Constructors	115	7.01
All Other Printing And Publishing	115	7.01
Miscellaneous Nondurable Goods	115	7.01
Durable Goods Manufacturing	110	6.71
All Other Nondurable Goods Manufacturing	100	6.10
Personal Services	65	3.96
Food And Kindred Products	60	3.66
All Other Wholesale And Retail Trade	60	3.66
o Retail Trade Sales Representatives	9280	100.00
Department Stores	2475	26.67
Women's Ready-to-wear Stores	1285	13.85
Miscellaneous Shopping Goods Stores	980	10.56
All Other Apparel And Accessory Stores	955	10.29
All Other Wholesale And Retail Trade	710	7.65
All Other Miscellaneous Retail Stores	600	6.47
Motor Vehicle Dealers (new And Used)	455	4.90
Retail Bakeries	370	3.99
Furniture, Home Furnishings, Equip Stores, Exc Appliances	310	3.34
Food Stores	280	3.02
Drug Stores And Proprietary Stores	220	2.37
All Other Wholesale Trade-durable Goods	180	1.94
Lumber And Other Building Materials Dealers	165	1.78
All Other Furniture And Home Furnishing Stores	155	1.67
Nondurable Goods Manufacturing	70	0.75
All Other Wholesale Trade-nondurable Goods	55	0.59
o Salespersons, Parts	495	100.00
All Other Wholesale And Retail Trade	145	29.30
All Other Wholesale Trade-durable Goods	130	26.26
Motor Vehicle Dealers (new And Used)	125	25.25
Automotive Repair Shops	80	16.16
o Counter And Rental Clerks	465	100.00
All Other Wholesale And Retail Trade	135	29.03
Personal Services	110	23.66
Miscellaneous Business Services	90	19.35
Food Stores	75	16.13
All Other Service	55	11.83
o Stock Clerks, Sales Floor	3460	100.00
Food Stores	1790	51.73
Department Stores	270	7.80
All Other Wholesale And Retail Trade	235	6.79
All Other Miscellaneous Retail Stores	225	6.50
All Other Apparel And Accessory Stores	205	5.93
Miscellaneous Shopping Goods Stores	160	4.62
Drug Stores And Proprietary Stores	155	4.48
Lumber And Other Building Materials Dealers	105	3.04
Furniture, Home Furnishings, Equip Stores, Exc Appliances	90	2.60
Eating And Drinking Places	70	2.02
Women's Ready-to-wear Stores	55	1.59
All Other Wholesale Trade-durable Goods	50	1.45
All Other Furniture And Home Furnishing Stores	50	1.45

Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry

		Employment	Percent Distribution
	o Cashiers	6075	100.00
	Food Stores	2220	36.54
	Eating And Drinking Places	915	15.06
	Drug Stores And Proprietary Stores	545	8.97
	Department Stores	410	6.75
	All Other Wholesale And Retail Trade	305	5.02
	Miscellaneous Shopping Goods Stores	250	4.12
	Gasoline Service Stations	225	3.70
	State Government, Except Education And Hospitals	225	3.71
	All Other Service	195	3.21
	All Other Apparel And Accessory Stores	180	2.96
	All Other Miscellaneous Retail Stores	155	2.55
	Women's Ready-to-wear Stores	110	1.81
	Miscellaneous Amusement And Recreation Services	105	1.73
	Lumber And Other Building Materials Dealers	70	1.15
	Retail Bakeries	65	1.07
	All Other Furniture And Home Furnishing Stores	55	0.91
Clerical & Administrative Support Occupations	o First Line Supervisors - Clerical And Administrative Clerks	2710	100.00
	Transportation And Public Utilities	445	16.42
	Commercial And Stock Savings Banks	305	11.26
	All Other Finance, Insurance And Real Estate	135	4.98
	All Other Wholesale Trade-durable Goods	125	4.61
	All Other Service	120	4.43
	All Other Wholesale And Retail Trade	115	4.24
	Credit Agencies Other Than Banks	115	4.24
	All Other Furniture And Home Furnishing Stores	110	4.06
	Fire, Marine And Casualty Insurance	105	3.88
	All Other Health Services	100	3.69
	Durable Goods Manufacturing	90	3.32
	All Other Business Services	90	3.32
	Eating And Drinking Places	80	2.95
	Hospitals	80	2.95
	Miscellaneous Services	70	2.58
	All Other Wholesale Trade-nondurable Goods	65	2.40
	Office Of Physicians	65	2.40
	Motor Vehicle Dealers (new And Used)	60	2.21
	All Other Printing And Publishing	55	2.03
	All Other Nondurable Goods Manufacturing	55	2.03
	Insurance Agents, Brokers And Service	55	2.03
	Investment Offices	55	2.03
	Miscellaneous Nondurable Goods	50	1.85
	All Other Apparel And Accessory Stores	50	1.85
	Local Government, Except Education And Hospitals	50	1.84
	o Bank Tellers	3000	100.00
	Commercial And Stock Savings Banks	2135	71.17
	Credit Agencies Other Than Banks	485	16.17
	All Other Finance, Insurance And Real Estate	380	12.66
	o New Accounts Clerks	635	100.00
	Commercial And Stock Savings Banks	520	81.89
	All Other Finance, Insurance And Real Estate	60	9.45
	Credit Agencies Other Than Banks	55	8.66
	o Loan And Credit Clerks	430	100.00
	Commercial And Stock Savings Banks	185	43.02
	Credit Agencies Other Than Banks	180	41.86
	All Other Finance, Insurance And Real Estate	65	15.12

**Table B:**  
**South Coastal**  
**Employment in**  
**Selected Occupations**  
**by Industry**

	Employment	Percent Distribution
o Adjustment Clerks	385	100.00
All Other Wholesale And Retail Trade	80	20.78
Department Stores	70	18.18
Finance, Insurance And Real Estate	70	18.18
Durable Goods Manufacturing	65	16.88
All Other Printing And Publishing	60	15.58
o Brokerage Clerks	395	100.00
Investment Offices	355	89.87
o Adjusters, Examiners, Investigators	275	100.00
Fire, Marine And Casualty Insurance	145	52.73
Accident And Health Insurance And Medical Service Plans	95	34.54
o Insurance Claims Clerks	440	100.00
Fire, Marine And Casualty Insurance	245	55.68
Accident And Health Insurance And Medical Service Plans	85	19.32
All Other Health Services	85	19.32
o Insurance Policy Processing Clerks	395	100.00
Fire, Marine And Casualty Insurance	140	35.44
Insurance Agents, Brokers And Service	120	30.38
Accident And Health Insurance And Medical Service Plans	110	27.85
o Bill And Account Collectors	275	100.00
Wholesale And Retail Trade	95	34.55
Finance, Insurance And Real Estate	70	25.45
All Other Business Services	55	20.00
o Teacher Aides And Education Assistants	280	100.00
Social Services	185	66.07
Educational Services	80	28.57
o Legal Secretaries	250	100.00
Legal Services	235	94.00
o Medical Secretaries	390	100.00
Office Of Physicians	175	44.87
All Other Health Services	125	32.05
Office Of Dentists	90	23.08
o Secretaries	4415	100.00
Educational Services	390	8.83
Local Government, Except Education And Hospitals	220	4.98
All Other Special Trade Constructors	190	4.30
Investment Offices	175	3.96
Miscellaneous Services	170	3.85
All Other Construction	160	3.62
All Other Wholesale Trade-nondurable Goods	155	3.51
All Other Durable Goods Manufacturing	150	3.40
All Other Wholesale And Retail Trade	140	3.17

**Table B:**  
**South Coastal**  
**Employment in**  
**Selected Occupations**  
**by Industry**

	Employment	Percent Distribution
Miscellaneous Business Services	135	3.06
Commercial And Stock Savings Banks	130	2.95
All Other Service	130	2.95
Fire, Marine And Casualty Insurance	120	2.72
All Other Wholesale Trade-durable Goods	115	2.61
Personnel Supply Services	115	2.60
All Other Business Services	115	2.60
Social Services	115	2.61
All Other Nondurable Goods Manufacturing	110	2.49
Real Estate Agents And Managers	110	2.49
Transportation And Public Utilities	105	2.38
All Other Finance, Insurance And Real Estate	105	2.38
Machinery, Equipment And Supplies	95	2.15
All Other Printing And Publishing	90	2.04
Insurance Agents, Brokers And Service	90	2.04
Eating And Drinking Places	85	1.92
Credit Agencies Other Than Banks	85	1.92
All Other Electrical And Electronic Equipment	80	1.81
Membership Organizations	80	1.81
o Receptionists And Information Clerks	1265	100.00
All Other Service	200	15.81
Office Of Physicians	155	12.25
All Other Finance, Insurance And Real Estate	105	8.30
Wholesale And Retail Trade	95	7.51
All Other Health Services	95	7.51
All Other Real Estate	75	5.93
All Other Insurance Carriers	70	5.53
Personal Services	70	5.53
Personnel Supply Services	70	5.53
Outpatient Care Facilities	70	5.53
Credit Agencies Other Than Banks	60	4.74
Investment Offices	55	4.35
All Other Business Services	50	3.95
o Typists And Word Processors	950	100.00
All Other Service	175	18.42
Wholesale And Retail Trade	115	12.11
All Other Finance, Insurance And Real Estate	105	11.05
Hospitals	95	10.00
Accident And Health Insurance And Medical Service Plans	85	8.95
All Other Business Services	75	7.89
Durable Goods Manufacturing	70	7.37
Local Government, Except Education And Hospitals	70	7.37
All Other Printing And Publishing	55	5.79
Fire, Marine And Casualty Insurance	55	5.79
o Order Clerks - Materials, Merchandise And Service	590	100.00
All Other Wholesale And Retail Trade	135	22.88
All Other Wholesale Trade-nondurable Goods	95	16.10
Nondurable Goods Manufacturing	75	12.71
Women's Ready-to-wear Stores	65	11.02
All Other Furniture And Home Furnishing Stores	65	11.02
Durable Goods Manufacturing	60	10.17
Machinery, Equipment And Supplies	55	9.32



**Table B:**  
**South Coastal**  
**Employment in**  
**Selected Occupations**  
**by Industry**

	Employment	Percent Distribution
o Bookkeeping, Accounting, Auditing Clerks	3725	100.00
All Other Wholesale And Retail Trade	240	6.44
All Other Special Trade Constructors	210	5.64
Durable Goods Manufacturing	205	5.50
All Other Service	180	4.83
All Other Miscellaneous Retail Stores	170	4.56
Local Government, Except Education And Hospitals	160	4.30
All Other Construction	135	3.62
All Other Wholesale Trade-durable Goods	135	3.62
All Other Finance, Insurance And Real Estate	130	3.49
All Other Wholesale Trade-nondurable Goods	125	3.36
Eating And Drinking Places	125	3.36
Miscellaneous Shopping Goods Stores	120	3.22
All Other Nondurable Goods Manufacturing	115	3.09
Commercial And Stock Savings Banks	115	3.09
Lumber And Other Building Materials Dealers	110	2.95
Miscellaneous Services	110	2.95
All Other Health Services	105	2.82
All Other Transportation And Public Utilities	100	2.69
Real Estate Agents And Managers	100	2.68
Credit Agencies Other Than Banks	95	2.55
Food Stores	90	2.42
All Other Business Services	90	2.42
Nursing And Personal Care Facilities	90	2.42
All Other Printing And Publishing	85	2.28
General Building Contractors - Residential Buildings	80	2.15
o Billing, Cost And Rate Clerks	620	100.00
All Other Wholesale And Retail Trade	175	28.23
All Other Service	85	13.71
Motor Vehicle Dealers (new And Used)	65	10.48
All Other Business Services	60	9.68
Hospitals	55	8.87
Office Of Physicians	50	8.06
o General Office Clerk	4185	100.00
All Other Transportation And Public Utilities	325	7.77
Local Government, Except Education And Hospitals	305	7.29
All Other Service	280	6.69
Investment Offices	235	5.62
Hospitals	175	4.18
All Other Wholesale Trade-durable Goods	170	4.06
Commercial And Stock Savings Banks	155	3.70
All Other Wholesale And Retail Trade	145	3.47
All Other Durable Goods Manufacturing	140	3.35
All Other Finance, Insurance And Real Estate	130	3.11
Accident And Health Insurance And Medical Service Plans	125	2.99
All Other Special Trade Constructors	120	2.87
Motor Vehicle Dealers (new And Used)	120	2.87
Legal Services	110	2.63
All Other Miscellaneous Retail Stores	105	2.51
All Other Wholesale Trade-nondurable Goods	100	2.39
All Other Business Services	95	2.27
General Building Contractors - Residential Buildings	90	2.15
All Other Apparel And Accessory Stores	90	2.15
All Other Printing And Publishing	85	2.03
Lumber And Other Building Materials Dealers	80	1.91
Personnel Supply Services	80	1.91

**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

		Employment	Percent Distribution
	All Other Health Services	80	1.91
	Medical Instruments And Supplies	75	1.79
	All Other Nondurable Goods Manufacturing	75	1.79
	Miscellaneous Nondurable Goods	75	1.79
	Food Stores	75	1.79
	Eating And Drinking Places	75	1.79
	Real Estate Agents And Managers	75	1.79
o	Computer Operators, Except Peripheral Equipment	455	100.00
	State Government, Except Education And Hospitals Service	155	34.07
		95	20.88
	Wholesale And Retail Trade	65	14.29
	Finance, Insurance And Real Estate	50	10.99
o	Data Entry Keyers, Except Composing	670	100.00
	Wholesale And Retail Trade	135	20.15
	Miscellaneous Business Services	115	17.16
	All Other Health Services	105	15.67
	Accident And Health Insurance And Medical Service Plans	80	11.94
	All Other Service	75	11.19
	All Other Business Services	70	10.45
o	Production, Planning, Expediting Clerks	280	100.00
	Durable Goods Manufacturing	100	35.71
	Transportation And Public Utilities	85	30.36
	Nondurable Goods Manufacturing	65	23.21
o	Stock Clerks - Stockroom, Warehouse And Storage Yard	1165	100.00
	All Other Wholesale And Retail Trade	210	18.03
	All Other Wholesale Trade-durable Goods	145	12.45
	Food Stores	120	10.30
	Durable Goods Manufacturing	115	9.87
	All Other Wholesale Trade-nondurable Goods	115	9.87
	Nondurable Goods Manufacturing	85	7.29
	Women's Ready-to-wear Stores	80	6.87
	Lumber And Other Building Materials Dealers	70	6.01
	All Other Furniture And Home Furnishing Stores	70	6.01
	Service	70	6.01
o	Order Fillers, Wholesale And Retail Sales	525	100.00
	Miscellaneous Nondurable Goods	130	24.76
	All Other Wholesale And Retail Trade	130	24.76
	Women's Ready-to-wear Stores	105	20.00
	All Other Wholesale Trade-nondurable Goods	90	17.15
	All Other Furniture And Home Furnishing Stores	70	13.33
o	Traffic, Shipping And Receiving Clerks	1000	100.00
	Durable Goods Manufacturing	185	18.50
	All Other Wholesale Trade-durable Goods	155	15.50
	All Other Wholesale And Retail Trade	155	15.50
	Nondurable Goods Manufacturing	135	13.50
	Women's Ready-to-wear Stores	110	11.00
	Department Stores	85	8.50
	All Other Wholesale Trade-nondurable Goods	70	7.00
	Miscellaneous Nondurable Goods	50	5.00

**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

**Service Occupations**

	Employment	Percent Distribution
o Fire Fighters	535	100.00
Local Government, Except Education And Hospitals	535	100.00
o Police Detectives And Investigators	560	100.00
Local Government, Except Education And Hospitals	560	100.00
o Guards And Watch Guards	1785	100.00
Miscellaneous Business Services	1200	67.23
All Other Real Estate	190	10.65
All Other Wholesale And Retail Trade	70	3.92
All Other Health Services	65	3.64
Eating And Drinking Places	55	3.08
Educational Services	55	3.08
All Other Service	55	3.08
o Hosts And Hostesses	455	100.00
Eating And Drinking Places	430	94.50
o Bartenders	950	100.00
Eating And Drinking Places	805	84.74
All Other Service	95	10.00
Hotels, Motels And Tourist Courts	50	5.26
o Waiters And Waitresses	4560	100.00
Eating And Drinking Places	3900	85.53
Hotels, Motels And Tourist Courts	190	4.17
Retail Bakeries	110	2.41
Nursing And Personal Care Facilities	105	2.30
Hospitals	90	1.97
Miscellaneous Amusement And Recreation Services	80	1.75
All Other Wholesale And Retail Trade	50	1.10
o Dining Room, Counter And Cafe Attendants	970	100.00
Eating And Drinking Places	595	61.34
Retail Bakeries	160	16.50
Food Stores	110	11.34
Service	65	6.70
o Bakers, Bread And Pastry	295	100.00
Retail Bakeries	205	69.49
All Other Wholesale And Retail Trade	85	28.81
o Butchers And Meat Cutters	240	100.00
Food Stores	190	79.17
o Cooks, Restaurant	1005	100.00
Eating And Drinking Places	905	90.05
Hotels, Motels And Tourist Courts	65	6.47

**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

	Employment	Percent Distribution
o Cooks, Institution Or Cafe	605	100.00
Educational Services	275	45.45
Nursing And Personal Care Facilities	200	33.06
All Other Service	65	10.74
o Cooks, Speciality Fast Food And Fast Food	935	100.00
Eating And Drinking Places	890	95.19
o Food Preparation Workers	1855	100.00
Eating And Drinking Places	835	45.01
Nursing And Personal Care Facilities	360	19.41
Educational Services	340	18.33
Hotels, Motels And Tourist Courts	80	4.31
All Other Miscellaneous Retail Stores	70	3.77
Hospitals	55	2.97
All Other Food Stores	50	2.69
o Nurse Aides, Orderlies And Attendants	2165	100.00
Nursing And Personal Care Facilities	1720	79.45
Hospitals	250	11.55
All Other Service	85	3.92
Educational Services	55	2.54
Social Services	55	2.54
o Home Health Aides	295	100.00
All Other Health Services	125	42.37
Nursing And Personal Care Facilities	105	35.59
All Other Service	65	22.04
o Janitors And Cleaners	2850	100.00
Services To Dwellings And Other Buildings	910	31.93
Educational Services	580	20.35
All Other Service	210	7.37
All Other Wholesale And Retail Trade	185	6.49
Nursing And Personal Care Facilities	135	4.74
Durable Goods Manufacturing	105	3.68
All Other Finance, Insurance And Real Estate	100	3.51
Nondurable Goods Manufacturing	95	3.33
Real Estate Agents And Managers	95	3.33
Food Stores	90	3.16
Eating And Drinking Places	80	2.81
All Other Real Estate	80	2.81
Construction	70	2.46
Hospitals	65	2.28
Department Stores	50	1.75
o Cosmetologists And Related	890	100.00
Personal Services	755	84.83
Department Stores	120	13.48
o Gardeners And Groundskeepers	445	100.00
Miscellaneous Amusement And Recreation Services	135	30.34
All Other Real Estate	70	15.73



**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

		Employment	Percent Distribution
Prod., Construction & Machining Occupations	Real Estate Agents And Managers	65	14.61
	Wholesale And Retail Trade	60	13.48
	All Other Service	60	13.48
	Local Government, Except Education And Hospitals	55	12.36
	o First Line Supervisors - Mechanics And Repairers	920	100.00
	All Other Wholesale And Retail Trade	245	26.63
	Transportation And Public Utilities	180	19.57
	Motor Vehicle Dealers (new And Used)	155	16.85
	Automotive Repair Shops	125	13.59
	All Other Special Trade Constructors	50	5.43
	Local Government, Except Education And Hospitals	50	5.43
	o First Line Supervisors - Constuction And Related	685	100.00
	General Building Contractors - Residential Buildings	195	28.46
	All Other Construction	195	28.47
	All Other Special Trade Constructors	135	19.71
	Electrical Work	85	12.41
	Transportation And Public Utilities	60	8.76
	o First Line Supervisors - Production And Related	665	100.00
	All Other Durable Goods Manufacturing	155	23.31
	All Other Printing And Publishing	100	15.04
	All Other Nondurable Goods Manufacturing	100	15.04
	Machinery, Except Electrical	95	14.29
	Fabricated Metal Products	90	13.53
	All Other Electrical And Electronic Equipment	70	10.52
	Rubber And Miscellaneous Plastics Products	55	8.27
	o Precision And Production Inspectors	515	100.00
	Nondurable Goods Manufacturing	120	23.30
	All Other Durable Goods Manufacturing	110	21.36
	Electronic Components And Accessories	95	18.45
	All Other Electrical And Electronic Equipment	70	13.59
	Machinery, Except Electrical	65	12.62
	o General Maintenance Repairers	2005	100.00
	Local Government, Except Education And Hospitals	535	26.68
	Wholesale And Retail Trade	230	11.47
	Real Estate Agents And Managers	210	10.47
	All Other Service	190	9.48
	All Other Construction	115	5.74
	Transportation And Public Utilities	100	4.99
	All Other Real Estate	100	4.99
	State Government, Except Education And Hospitals	90	4.49
	Durable Goods Manufacturing	85	4.24
	Nursing And Personal Care Facilities	80	3.99
	Nondurable Goods Manufacturing	75	3.74
	All Other Health Services	70	3.49
	All Other Special Trade Constructors	55	2.74
	Educational Services	55	2.74
	o Automotive Mechanics	1365	100.00
	Motor Vehicle Dealers (new And Used)	485	35.53
	Automotive Repair Shops	450	32.97
	Gasoline Service Stations	195	14.29
	All Other Wholesale And Retail Trade	150	10.99

**Table B:  
South Coastal  
Employment in  
Selected Occupations  
by Industry**

	Employment	Percent Distribution
o Automotive Body And Related Repairers	435	100.00
Automotive Repair Shops	245	56.32
Motor Vehicle Dealers (new And Used)	155	35.63
o Bus And Truck Mechanics And Diesel Mechanics	205	100.00
Wholesale And Retail Trade	80	39.02
Trucking, Local And Long Distance	50	24.39
o Heating, Air Conditioning, Refrigeration Mechs, Installers	690	100.00
Plumbing, Heating (except Electric), Air Conditioning	460	66.67
All Other Miscellaneous Retail Stores	120	17.39
All Other Wholesale And Retail Trade	55	7.97
o Carpenters	1430	100.00
General Building Contractors - Residential Buildings	545	38.11
General Building Contractors - Nonresidential Buildings	370	25.87
All Other Construction	150	10.49
All Other Special Trade Constructors	110	7.69
Masonry, Stonework, Tile Setting And Plastering	100	6.99
o Drywall Installers And Tapers	430	100.00
Masonry, Stonework, Tile Setting And Plastering	295	68.61
All Other Special Trade Constructors	90	20.93
o Electricians	960	100.00
Electrical Work	810	84.38
Durable Goods Manufacturing	50	5.21
o Brick Masons And Stone Masons	305	100.00
General Building Contractors - Residential Buildings	120	39.34
Masonry, Stonework, Tile Setting And Plastering	120	39.35
All Other Construction	55	18.03
o Reinforcing Metal Workers	410	100.00
All Other Special Trade Constructors	410	100.00
o Painters, Paperhangers, Construction And Maintenance	530	100.00
All Other Special Trade Constructors	215	40.57
Local Government, Except Education And Hospitals	95	17.93
General Building Contractors - Residential Buildings	90	16.98
All Other Real Estate	65	12.26
o Plumbers, Pipefitters And Steamfitters	325	100.00
Plumbing, Heating (except Electric), Air Conditioning	205	63.08
All Other Special Trade Constructors	60	18.46
o Sheet Metal Duct Installers	315	100.00
Plumbing, Heating (except Electric), Air Conditioning	285	90.48

**Table B:**  
**South Coastal**  
**Employment in**  
**Selected Occupations**  
**by Industry**

	Employment	Percent Distribution
o Machinists	610	100.00
Machinery, Except Electrical	320	52.46
All Other Durable Goods Manufacturing	120	19.67
Wholesale And Retail Trade	65	10.66
Fabricated Metal Products	55	9.01
o Sheet Metal Workers	400	100.00
Plumbing, Heating (except Electric), Air Conditioning	185	46.25
Fabricated Metal Products	110	27.50
All Other Durable Goods Manufacturing	75	18.75
o Sheetmetal Machine Operator	300	100.00
Machinery, Except Electrical	135	45.00
Fabricated Metal Products	90	30.00
All Other Durable Goods Manufacturing	65	21.67
o Printing Press Machine Operators	220	100.00
Commercial Printing	135	61.36
All Other Nondurable Goods Manufacturing	60	27.27
o Laundry And Drycleaning Machine Operators	450	100.00
Personal Services	245	54.44
Nursing And Personal Care Facilities	170	37.78
o Packaging And Filling Machine Operators	250	100.00
Food And Kindred Products	110	44.00
All Other Nondurable Goods Manufacturing	75	30.00
Durable Goods Manufacturing	50	20.00
o Electrical And Electronic Equipment Assembler	200	100.00
All Other Electrical And Electronic Equipment	130	65.00
All Other Durable Goods Manufacturing	70	35.00
o Electrical And Electronic Assemblers	405	100.00
Electronic Components And Accessories	145	35.80
All Other Electrical And Electronic Equipment	140	34.57
Medical Instruments And Supplies	90	22.22
o Welders And Cutters	265	100.00
Durable Goods Manufacturing	110	41.51
All Other Special Trade Constructors	95	35.85
o Assemblers, Fabricators - Exc Mach, Electrcl, Electrnrc, Prec	1615	100.00
All Other Durable Goods Manufacturing	605	37.46
Medical Instruments And Supplies	335	20.74
All Other Electrical And Electronic Equipment	175	10.84
All Other Printing And Publishing	125	7.74
Rubber And Miscellaneous Plastics Products	115	7.12
All Other Wholesale Trade-durable Goods	70	4.33
All Other Wholesale And Retail Trade	70	4.33
Fabricated Metal Products	60	3.72

**Table B:**  
**South Coastal**  
**Employment in**  
**Selected Occupations**  
**by Industry**

	Employment	Percent Distribution
o Truck Drivers, Heavy	1800	100.00
Trucking, Local And Long Distance	550	30.56
All Other Transportation And Public Utilities	205	11.39
All Other Wholesale Trade-nondurable Goods	140	7.78
All Other Miscellaneous Retail Stores	135	7.50
Durable Goods Manufacturing	130	7.22
All Other Wholesale Trade-durable Goods	130	7.22
Mining	100	5.55
All Other Wholesale And Retail Trade	100	5.56
All Other Special Trade Constructors	90	5.00
All Other Construction	90	5.00
Lumber And Other Building Materials Dealers	85	4.72
o Truck Drivers, Light - Including Delivery And Route Drivers	1385	100.00
All Other Wholesale And Retail Trade	200	14.44
All Other Wholesale Trade-nondurable Goods	180	13.00
Miscellaneous Nondurable Goods	145	10.47
Trucking, Local And Long Distance	120	8.67
All Other Miscellaneous Retail Stores	110	7.94
All Other Transportation And Public Utilities	100	7.22
Automotive Repair Shops	100	7.22
All Other Wholesale Trade-durable Goods	80	5.78
All Other Furniture And Home Furnishing Stores	65	4.69
All Other Special Trade Constructors	60	4.33
All Other Service	60	4.33
Local Government, Except Education And Hospitals	55	3.97
Nondurable Goods Manufacturing	50	3.61
o Taxi Drivers And Chauffeurs	295	100.00
Transportation And Public Utilities	280	94.92
o Driver/Sales Workers	415	100.00
Eating And Drinking Places	185	44.58
Food And Kindred Products	70	16.87
All Other Printing And Publishing	65	15.66
All Other Wholesale And Retail Trade	50	12.05
o Service Station Attendants	625	100.00
Gasoline Service Stations	585	93.60
o Industrial Truck And Tractor Operators	355	100.00
All Other Wholesale And Retail Trade	115	32.39
Nondurable Goods Manufacturing	65	18.31
Durable Goods Manufacturing	60	16.90
Lumber And Other Building Materials Dealers	60	16.90
Trucking, Local And Long Distance	50	14.09
o Construction Trades Helpers	1370	100.00
Electrical Work	340	24.82
All Other Special Trade Constructors	275	20.07
General Building Contractors - Residential Buildings	265	19.34
General Building Contractors - Nonresidential Buildings	190	13.87
All Other Construction	130	9.49
Masonry, Stonework, Tile Setting And Plastering	120	8.76
Plumbing, Heating (except Electric), Air Conditioning	50	3.65



**Table B:**  
**South Coastal**  
**Employment in**  
**Selected Occupations**  
**by Industry**

	Employment	Percent Distribution
o Machine Feeders And Offbearers	340	100.00
Rubber And Miscellaneous Plastics Products	85	25.00
Durable Goods Manufacturing	80	23.53
All Other Printing And Publishing	65	19.12
Personal Services	65	19.12
o Hand Packers And Packagers	1115	100.00
Newspapers	300	26.91
Food Stores	165	14.80
All Other Nondurable Goods Manufacturing	160	14.35
All Other Durable Goods Manufacturing	125	11.21
All Other Wholesale Trade-durable Goods	80	7.17
All Other Wholesale Trade-nondurable Goods	80	7.18
Fabricated Metal Products	65	5.83
Commercial Printing	65	5.83
o All Other Helpers, Laborers, Movers - Hand	3355	100.00
State Government, Except Education And Hospitals	510	15.20
Local Government, Except Education And Hospitals	315	9.39
Durable Goods Manufacturing	285	8.49
All Other Wholesale Trade-nondurable Goods	285	8.49
Transportation And Public Utilities	220	6.56
Rubber And Miscellaneous Plastics Products	195	5.81
All Other Nondurable Goods Manufacturing	175	5.22
General Building Contractors - Residential Buildings	165	4.92
All Other Printing And Publishing	160	4.77
All Other Wholesale Trade-durable Goods	155	4.62
All Other Construction	135	4.02
All Other Wholesale And Retail Trade	115	3.43
Women's Ready-to-wear Stores	110	3.28
All Other Service	95	2.83
Department Stores	80	2.39
All Other Automotive Dealers & Service Stations	75	2.23
All Other Miscellaneous Retail Stores	65	1.94
Food And Kindred Products	60	1.79
Personal Services	60	1.79
General Building Contractors - Nonresidential Buildings	55	1.64

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

		Employment	Percent Distribution
Construction Industries	o General Building Contractors - Residential Buildings	2330	100.00
	Carpenters	545	23.39
	Helpers, All Other Construction Trades	265	11.37
	First Line Supervisors - Construction And Related	195	8.37
	All Other Helpers, Laborers, Movers - Hand	165	7.08
	All Other Construction And Extractive Occupations	160	6.87
	Operating Engineers	155	6.65
	Construction Managers	135	5.80
	Brick Masons And Stone Masons	120	5.15
	General Office Clerk	90	3.86
	Painters, Paperhangers, Construction And Maintenance	85	3.65
	Bookkeeping, Accounting, Auditing Clerks	80	3.43
	General Managers And Top Executives	75	3.22
	Professional, Paraprofessional And Technical Occupations	70	3.01
	All Other Clerical And Administrative Support Workers	65	2.79
	o General Building Contractors - Nonresidential Buildings	1035	100.00
	Carpenters	370	35.75
	Helpers, All Other Construction Trades	190	18.36
	General Managers And Top Executives	75	7.25
	Secretaries, Stenographers And Typists	75	7.25
	All Other Construction And Extractive Occupations	55	5.31
	All Other Helpers, Laborers, Movers - Hand	55	5.31
	Construction Managers	50	4.83
	o Plumbing, Heating (except Electric), Air Conditioning	1620	100.00
	Heating, Air Conditioning, Refrigeration Mechs, Installers	460	28.39
	Sheet Metal Duct Installers	285	17.59
	Plumbers, Pipefitters And Steamfitters	205	12.65
	Sheet Metal Workers	180	11.11
	General Managers And Top Executives	90	5.56
	Clerical And Administrative Support Occupations	90	5.56
	First Line Supervisors, Manager/supers - Prod, Constr, Maint	90	5.56
	Drafters	50	3.09
	Sales And Related Occupations	50	3.09
	Helpers, All Other Construction Trades	50	3.09
	o Electrical Work	1840	100.00
	Electricians	810	44.02
	Helpers, All Other Construction Trades	340	18.48
	Managerial And Administrative Occupations	150	8.15
	Clerical And Administrative Support Occupations	120	6.52
	All Other Professional, Paraprofessional And Technicians	105	5.71
	First Line Supervisors - Construction And Related	85	4.62
	Telephone And Cable Tv Line Installers And Repairers	80	4.35
	Engineers	60	3.26
	Management Support Occupations	55	2.99
	o Masonry, Stonework, Tile Setting And Plastering	1155	100.00
	Drywall Installers And Tapers	300	25.98
	Brick Masons And Stone Masons	120	10.39
	Helpers, All Other Construction Trades	120	10.39
	Carpenters	105	9.09
	All Other Construction And Extractive Occupations	85	7.36
	Ceiling Tile Installers	80	6.93
	Managerial And Administrative Occupations	70	6.06

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

	Employment	Percent Distribution
o All Other Special Trade Contractors	3365	100.00
Reinforcing Metal Workers	400	11.89
Helpers, All Other Construction Trades	275	8.17
Elevator Installers And Repairers	225	6.69
Painters, Paperhangers, Construction And Maintenance	215	6.39
All Other Construction And Extractive Occupations	195	5.80
General Managers And Top Executives	190	5.65
Roofers	130	3.86
Glaziers	130	3.86
Bookkeeping, Accounting, Auditing Clerks	120	3.57
Excavating And Loading Machine Operators	115	3.42
Carpenters	105	3.12
Secretaries, Stenographers And Typists	100	2.97
Welders And Cutters	95	2.82
Drywall Installers And Tapers	90	2.67
Construction Managers	85	2.53
Concrete And Terrazzo Finishers	85	2.53
General Office Clerk	70	2.08
First Line Supervisors - Construction And Related	70	2.08
All Other Transportation Workers	65	1.93
All Other Material Moving Equipment Operators	65	1.93
All Other Mechanics, Installers And Repairers	60	1.78
Plumbers, Pipefitters And Steamfitters	60	1.78
Carpet Installers	60	1.78
Cost Estimators	55	1.63
Sales Reps, Exc Scientific And Related Products Or Services	55	1.63
Machine Setters, Set-up Operators, Operators And Tenders	55	1.63
All Other Managers And Administrators	50	1.49
Precision Production Occupations	50	1.49
o All Other Construction	1665	100.00
General Managers And Top Executives	210	12.61
First Line Supervisors - Construction And Related	165	9.91
Carpenters	150	9.01
Helpers, All Other Construction Trades	130	7.81
Secretaries, Stenographers And Typists	120	7.21
Operating Engineers	120	7.21
Construction Managers	110	6.61
Bookkeeping, Accounting, Auditing Clerks	100	6.01
All Other Helpers, Laborers, Movers - Hand	100	6.01
Maintenance Repairers, General Utility	90	5.41
All Other Construction And Extractive Occupations	80	4.80
Truck Drivers, Heavy	70	4.20
Janitors And Cleaners	65	3.90
All Other Material Moving Equipment Operators	50	3.00
o Fabricated Metal Products	1935	100.00
All Other Metal, Plastic Machine Setters, Set-up Operators	205	10.59
All Other Clerical And Administrative Support Workers	165	8.53
Sheet Metal Workers	110	5.68
All Other Managers And Administrators	95	4.91
First Line Supervisors - Production And Related	90	4.65
Sheetmetal Machine Operator	90	4.65
Metal Fabricators, Structural Metal Products	80	4.13
Combination Machine Tool Operators, Metal And Plastics	75	3.88
All Other Helpers, Laborers, Movers - Hand	75	3.88
All Other Precision Workers	70	3.62
Electrolytic Plating And Coating Machine Operators, Tenders	70	3.62
All Other Hand Workers	70	3.62

**Manufacturing  
Industries**

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

	Employment	Percent Distribution
Engineering And Related Technicians And Technologists	65	3.36
Hand Packers And Packagers	65	3.36
General Managers And Top Executives	60	3.10
Material Recording, Scheduling, Dispatching, Distributing	60	3.10
All Other Precision Metal Workers	60	3.10
Assemblers, Fabricators - Exc Mach, Electrcel, Electrmc, Prec	60	3.10
Engineers	55	2.84
Machinists	55	2.84
o Machinery, Except Electrical	2740	100.00
Machinists	320	11.68
All Other Clerical And Administrative Support Workers	210	7.66
All Other Managers And Administrators	155	5.66
All Other Metal, Plastic Machine Setters, Set-up Operators	155	5.66
Sheetmetal Machine Operator	135	4.93
General Managers And Top Executives	125	4.56
All Other Precision Metal Workers	125	4.56
All Other Metal And Plastic Machine Operators And Tenders	120	4.38
Engineers	115	4.20
Sales And Related Occupations	115	4.20
Material Recording, Scheduling, Dispatching, Distributing	110	4.02
First Line Supervisors - Production And Related	95	3.47
All Other Precision Workers	95	3.47
Lathe, Turning Mach Tool Setters, Set-up Operators, Metal, Pl	75	2.74
All Other Precision Metal Assemblers	75	2.74
All Other Professional, Paraprofessional And Technicians	70	2.55
All Other Hand Workers	70	2.55
Drafters	65	2.37
All Other Engineering Technicians And Technologists	65	2.37
Precision And Production Inspectors	65	2.37
Mechanics, Installers And Repairers	60	2.19
Management Support Occupations	55	2.01
Machine Builders And Other Precision Machine	55	2.01
Secretaries, Stenographers And Typists	50	1.82
Assemblers, Fabricators - Exc Mach, Electrcel, Electrmc, Prec	50	1.82
o Electronic Components And Accessories	1195	100.00
Electrical And Electronic Assemblers	145	12.13
Clerical And Administrative Support Occupations	120	10.04
Managerial And Administrative Occupations	105	8.79
Precision And Production Inspectors	95	7.95
All Other Precision Metal Assemblers	85	7.11
Management Support Occupations	80	6.70
Engineering And Related Technicians And Technologists	80	6.70
Precision Production Occupations	75	6.28
Electronic Semiconductor Processors	65	5.44
All Other Engineers	55	4.60
All Other Metal And Plastic Machine Operators And Tenders	55	4.60
Electrical And Electronic Engineers	50	4.18
o All Other Electrical And Electronic Equipment	1785	100.00
Assemblers, Fabricators - Exc Mach, Electrcel, Electrmc, Prec	160	8.97
All Other Managers And Administrators	150	8.41
Electrical And Electronic Assemblers	140	7.85
All Other Clerical And Administrative Support Workers	125	7.01
Engineering And Related Technicians And Technologists	100	5.60
All Other Machine Operators	100	5.60
Electrical And Electronic Equipment Assembler	95	5.32
Electromechanical Equipment Assemblers - Prec	90	5.04



**Table C:**  
**South Coastal**  
**Employment in**  
**Selected Industries**  
**by Occupation**

	Employment	Percent Distribution
Precision And Production Inspectors	70	3.92
Management Support Occupations	65	3.64
Electrical And Electronic Engineers	65	3.64
Sales And Related Occupations	65	3.64
First Line Supervisors, Manager/supers - Prod, Constr, Maint	65	3.64
All Other Professional, Paraprofessional And Technicians	60	3.36
Precision Metal Workers	60	3.36
All Other Hand Workers	60	3.36
Secretaries, Stenographers And Typists	55	3.08
Material Recording, Scheduling, Dispatching, Distributing	55	3.08
All Other Metal, Plastic Machine Setters, Set-up Operators	55	3.08
General Managers And Top Executives	50	2.80
o Medical Instruments And Supplies	1615	100.00
All Other Clerical And Administrative Support Workers	360	22.29
Assemblers, Fabricators - Exc Mach, Electrc, Electrmc, Prec	335	20.74
All Other Professional, Paraprofessional And Technicians	200	12.38
Other Precision Workers	130	8.05
Managerial And Administrative Occupations	120	7.43
Electrical And Electronic Assemblers	90	5.57
All Other Material Recording And Related Workers	85	5.26
General Office Clerk	70	4.33
Sales And Related Occupations	65	4.03
Electrical, Electronic Engineerng Technicians, Technologists	55	3.41
o All Other Durable Goods Manufacturing	3885	100.00
Assemblers, Fabricators - Exc Mach, Electrc, Electrmc, Prec	605	15.57
All Other Machine Operators	315	8.11
All Other Helpers, Laborers, Movers - Hand	220	5.66
All Other Hand Workers	210	5.41
Managerial And Administrative Occupations	140	3.60
All Other Metal And Plastic Machine Operators And Tenders	135	3.48
General Managers And Top Executives	130	3.35
First Line Supervisors - Production And Related	125	3.22
All Other Clerical And Administrative Support Workers	120	3.09
Mechanics, Installers And Repairers	120	3.09
Woodworking Machine Operators And Tenders, Except Sawing	115	2.96
Truck Drivers, Heavy	115	2.96
Cabinetmakers And Bench Carpenters	110	2.83
All Other Precision Workers	95	2.45
All Other Metal, Plastic Machine Setters, Set-up Operators	90	2.32
Construction Trades, Extractive Occupations, Exc Mat Moving	75	1.93
Machinists	75	1.93
Secretaries, Stenographers And Typists	70	1.80
Engineers	65	1.67
Sales Reps, Exc Scientific And Related Products Or Services	65	1.67
Bookkeeping, Accounting, Auditing Clerks	65	1.67
All Other Material Recording And Related Workers	65	1.67
All Other Precision Metal Workers	65	1.67
General Office Clerk	60	1.54
Service Occupations	60	1.54
All Other Precision Metal Assemblers	60	1.54
All Other Material Moving Equipment Operators	60	1.54
Hand Packers And Packagers	60	1.54
Management Support Occupations	55	1.42
Engineering And Related Technicians And Technologists	55	1.42
Welders And Cutters	55	1.42

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

	Employment	Percent Distribution
o Food And Kindred Products	1315	100.00
Clerical And Administrative Support Occupations	190	14.45
All Other Machine Operators	130	9.89
Helpers, Laborers And Related	130	9.89
All Other Precision Workers	120	9.13
Packaging And Filling Machine Operators	110	8.37
Managerial And Administrative Occupations	90	6.85
All Other Precision Food And Tobacco Workers	85	6.46
All Other Sales And Related Workers	75	5.70
Cannery Workers	70	5.32
Driver/sales Workers	70	5.32
Professional, Paraprofessional And Technical Occupations	60	4.56
Sales Reps, Exc Scientific And Related Products Or Services	60	4.56
All Other Transportation Workers	55	4.18
o Newspapers	1410	100.00
Hand Packers And Packagers	300	21.28
Clerical And Administrative Support Occupations	255	18.09
Reporters And Correspondents	135	9.57
Sales Agents, Advertising	90	6.38
Precision Production Occupations	90	6.38
Writers And Editors, Including Technical Writers	85	6.03
Managerial And Administrative Occupations	75	5.32
All Other Professional, Paraprofessional And Technicians	70	4.97
All Other Printing, Binding, Related Machine Ops And Tenders	65	4.61
All Other Transportation Workers	65	4.61
All Other Sales And Related Workers	60	4.25
o Commercial Printing	1325	100.00
Clerical And Administrative Support Occupations	325	24.53
Printing Press Machine Operators	135	10.19
Offset Lithographic Press Setters	90	6.79
General Managers And Top Executives	85	6.42
Sales And Related Occupations	80	6.04
All Other Printing, Binding, Related Machine Ops And Tenders	75	5.66
Precision Lithography And Photoengraving Workers	70	5.28
All Other Machine Operators	70	5.28
All Other Precision Workers	65	4.91
Hand Packers And Packagers	65	4.91
All Other Managers And Administrators	60	4.53
All Other Precision Printing Workers	55	4.15
First Line Supervisors, Manager/supers - Prod, Constr, Maint	50	3.77
o All Other Printing And Publishing	1575	100.00
All Other Clerical And Administrative Support Workers	285	18.10
All Other Helpers, Laborers, Movers - Hand	160	10.16
All Other Printing, Binding, Related Machine Ops And Tenders	145	9.21
Professional, Paraprofessional And Technical Occupations	140	8.89
All Other Machine Operators	140	8.89
Precision Production Occupations	130	8.25
Assemblers, Fabricators - Exc Mach, Electrcal, Electrmc, Prec	125	7.94
Managerial And Administrative Occupations	95	6.03
Material Recording, Scheduling, Dispatching, Distributing	90	5.71
All Other Hand Workers	80	5.08
Sales Reps, Exc Scientific And Related Products Or Services	60	3.81
Machine Feeders And Offbearers	55	3.49

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

		Employment	Percent Distribution
Transportation, Communications & Utilities	o Rubber And Miscellaneous Plastics Products	1335	100.00
	All Other Helpers, Laborers, Movers - Hand	225	16.86
	Precision Production Occupations	175	13.11
	All Other Machine Operators	165	12.36
	Plastic Molding, Casting Machine Operators And Tenders	145	10.86
	Assemblers, Fabricators - Exc Mach, Electrcel, Electrmc, Prec	115	8.62
	Clerical And Administrative Support Occupations	100	7.49
	Machine Feeders And Offbearers	85	6.37
	Professional, Paraprofessional And Technical Occupations	70	5.24
	Managerial And Administrative Occupations	65	4.87
	First Line Supervisors - Production And Related	55	4.12
	All Other Metal, Plastic Machine Setters, Set-up Operators	55	4.12
	o All Other Nondurable Goods Manufacturing	2480	100.00
	All Other Machine Operators	315	12.70
	Shoe And Leather Workers And Repairers - Precision	250	10.08
	All Other Clerical And Administrative Support Workers	200	8.07
	All Other Helpers, Laborers, Movers - Hand	185	7.46
	All Other Precision Workers	130	5.24
	All Other Managers And Administrators	125	5.04
	Professional, Paraprofessional And Technical Occupations	120	4.84
	Sewing Machine Operators, Non-garment	110	4.44
	General Managers And Top Executives	95	3.83
	Sales Reps, Exc Scientific And Related Products Or Services	95	3.83
	Shoe Sewing Machine Operators	95	3.83
	Hand Working Occupations, Including Assemblers, Fabricators	85	3.43
	Hand Packers And Packagers	85	3.43
	All Other Material Recording And Related Workers	70	2.82
	First Line Supervisors - Production And Related	70	2.82
	Mechanics, Installers And Repairers	70	2.82
	All Other Sales And Related Workers	65	2.62
	Secretaries, Stenographers And Typists	65	2.62
	Packaging And Filling Machine Operators	65	2.62
	Bookkeeping, Accounting, Auditing Clerks	60	2.42
	Traffic, Shipping And Receiving Clerks	50	2.02
	o Trucking, Local And Long Distance	1365	100.00
	Truck Drivers, Heavy	550	40.30
	All Other Clerical And Administrative Support Workers	125	9.16
	Truck Drivers, Light - Including Delivery And Route Drivers	120	8.79
	All Other Helpers, Laborers, Movers - Hand	100	7.33
	Precision Production Occupations	65	4.76
	All Other Transportation Workers	65	4.76
	General Office Clerk	60	4.40
	Communications, Transportation, Utilities Operations Managers	50	3.66
	Bookkeeping, Accounting, Auditing Clerks	50	3.66
	Bus And Truck Mechanics And Diesel Mechanics	50	3.66
	Industrial Truck And Tractor Operators	50	3.66
	o All Other Transportation And Public Utilities	5635	100.00
	First Line Supervisors - Clerical And Administrative Clerks	440	7.81
	General Office Clerk	325	5.77
	Taxi Drivers And Chauffeurs	280	4.97
	Travel Agents	245	4.35
	All Other Clerical And Administrative Support Workers	225	3.99
	Station Installers And Repairers, Telephone	215	3.82
	Truck Drivers, Heavy	205	3.64
	All Other Helpers, Laborers, Movers - Hand	195	3.46



**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

		Employment	Percent Distribution
	Electric Powerline Installers And Repairers	190	3.37
	First Line Supervisors - Mechanics And Repairers	180	3.19
	All Other Sales Representatives, Service	175	3.11
	All Other Mechanics, Installers And Repairers	175	3.11
	Central Office And Pbx Installers And Repairers	155	2.75
	All Other Engineers	150	2.66
	All Other Professional, Paraprofessional And Technicians	145	2.57
	Bus Drivers, School	145	2.57
	Bus Drivers	140	2.48
	Customer Service Representative, Utilities	130	2.31
	All Other Material Recording And Related Workers	130	2.31
	Nuclear Engineers	125	2.22
	General Managers And Top Executives	120	2.13
	Central Office Operators	105	1.86
	Bookkeeping, Accounting, Auditing Clerks	100	1.77
	All Other Electric, Electronic Equip Mechs, Reprers, Instllrs	100	1.77
	Truck Drivers, Light - Including Delivery And Route Drivers	100	1.78
	Engineering And Related Technicians And Technologists	95	1.69
	Maintenance Repairers, General Utility	95	1.69
	Refuse Collectors	95	1.69
	Communications, Transportation, Utilities Operations Managers	80	1.42
	Emergency Medical Technicians	80	1.42
	Secretaries, Stenographers And Typists	80	1.42
	File Clerks	80	1.42
	Production, Planning, Expediting Clerks	80	1.42
	Cleaning, Building Service Occupations, Exc Private Househlds	80	1.42
	Plant And Systems Occupations	70	1.34
	First Line Supervisors - Constuction And Related	60	1.06
	Construction Trades, Extractive Occupations, Exc Mat Moving	60	1.06
	All Other Managers And Administrators	50	0.89
Wholesale & Retail Trade	o Machinery, Equipment And Supplies	2015	100.00
	All Other Clerical And Administrative Support Workers	255	12.66
	Sales Reps, Scientific And Related Products And Services	230	11.41
	Construction Trades, Extractive Occupations, Exc Mat Moving	215	10.67
	Sales Reps, Exc Scientific And Related Products Or Services	165	8.19
	All Other Sales And Related Workers	120	5.96
	All Other Mechanics, Installers And Repairers	115	5.71
	General Managers And Top Executives	100	4.96
	Secretaries, Stenographers And Typists	95	4.72
	Material Recording, Scheduling, Dispatching, Distributing	95	4.71
	All Other Professional, Paraprofessional And Technicians	80	3.97
	Electrical, Electronic Engineerng Technicians, Technologists	75	3.72
	Data Processing Equipment Repairers	75	3.72
	All Other Managers And Administrators	65	3.23
	Precision Production Occupations	60	2.98
	Order Clerks - Materials, Merchandise And Service	55	2.73
	Transportation, Material Moving Machine And Vehicle Operators	55	2.73
	Engineers	50	2.48
	First Line Supervisors And Manager/supervisors - Sales And Re	50	2.48
	o All Other Wholesale Trade-durable Goods	2865	100.00
	General Managers And Top Executives	295	10.30
	Sales Reps, Scientific And Related Products And Services	290	10.12
	Sales Reps, Exc Scientific And Related Products Or Services	255	8.90
	All Other Clerical And Administrative Support Workers	140	4.89
	Salespersons, Retail Trade	135	4.71
	General Office Clerk	125	4.36
	All Other Helpers, Laborers, Movers - Hand	120	4.19
	Secretaries, Stenographers And Typists	115	4.01



**Table C:**  
**South Coastal**  
**Employment in**  
**Selected Industries**  
**by Occupation**

	Employment	Percent Distribution
Stock Clerks - Stockroom, Warehouse And Storage Yard	115	4.01
Traffic, Shipping And Receiving Clerks	110	3.84
Salespersons, Parts	105	3.67
Truck Drivers, Heavy	105	3.66
First Line Supervisors And Manager/supervisors - Sales And Re	85	2.97
Bookkeeping, Accounting, Auditing Clerks	85	2.97
First Line Supervisors - Clerical And Administrative Clerks	80	2.79
Precision Production Occupations	80	2.79
Mechanics, Installers And Repairers	75	2.62
Hand Packers And Packagers	75	2.62
Management Support Occupations	65	2.27
All Other Professional, Paraprofessional And Technicians	65	2.27
Assemblers, Fabricators - Exc Mach, Electrcel, Electrnc, Prec	65	2.27
Truck Drivers, Light - Including Delivery And Route Drivers	60	2.09
All Other Sales And Related Workers	55	1.92
Electronic Data Processing, Other Office Machine Occupations	55	1.92
o Miscellaneous Nondurable Goods	1065	100.00
All Other Clerical And Administrative Support Workers	210	19.72
Truck Drivers, Light - Including Delivery And Route Drivers	145	13.61
Order Fillers, Wholesale And Retail Sales	135	12.68
Sales Reps, Exc Scientific And Related Products Or Services	115	10.80
Managerial And Administrative Occupations	90	8.45
All Other Sales And Related Workers	85	7.98
General Office Clerk	75	7.04
First Line Supervisors - Clerical And Administrative Clerks	50	4.69
Traffic, Shipping And Receiving Clerks	50	4.69
o All Other Wholesale Trade-nondurable Goods	2805	100.00
Sales Reps, Exc Scientific And Related Products Or Services	440	15.69
All Other Helpers, Laborers, Movers - Hand	250	8.91
Truck Drivers, Light - Including Delivery And Route Drivers	180	6.42
General Managers And Top Executives	150	5.35
All Other Clerical And Administrative Support Workers	150	5.35
Secretaries, Stenographers And Typists	120	4.28
Truck Drivers, Heavy	110	3.92
Sales Reps, Scientific And Related Products And Services	105	3.74
Precision Production Occupations	105	3.74
General Office Clerk	100	3.56
Professional, Paraprofessional And Technical Occupations	90	3.21
All Other Sales And Related Workers	90	3.21
Stock Clerks - Stockroom, Warehouse And Storage Yard	90	3.21
Order Fillers, Wholesale And Retail Sales	90	3.21
Bookkeeping, Accounting, Auditing Clerks	85	3.03
Hand Packers And Packagers	80	2.85
Order Clerks - Materials, Merchandise And Service	75	2.67
Traffic, Shipping And Receiving Clerks	70	2.50
First Line Supervisors - Clerical And Administrative Clerks	65	2.32
Food And Beverage Preparation And Service Workers	65	2.32
All Other Material Moving Equipment Operators	60	2.14
Purchasing Managers	50	1.78
Electronic Data Processing, Other Office Machine Occupations	50	1.78
Machine Setters, Set-up Operators, Operators And Tenders	50	1.78
o Department Stores	5045	100.00
Salespersons, Retail Trade	2480	49.16
Cashiers	410	8.13
Stock Clerks, Sales Floor	270	5.35
All Other Clerical And Administrative Support Workers	255	5.06

**Table C:**  
**South Coastal**  
**Employment in**  
**Selected Industries**  
**by Occupation**

	Employment	Percent Distribution
All Other Managers And Administrators	185	3.67
All Other Material Recording And Related Workers	125	2.48
All Other Sales And Related Workers	120	2.38
Cosmetologists And Related	120	2.38
Mechanics, Installers And Repairers	110	2.18
Helpers, Laborers And Related	110	2.18
General Managers And Top Executives	95	1.88
All Other Professional, Paraprofessional And Technicians	95	1.88
Wholesale And Retail Buyers, Except Farm Products	90	1.78
First Line Supervisors And Manager/supervisors - Sales And Re	90	1.78
Traffic, Shipping And Receiving Clerks	90	1.78
Adjustment Clerks	70	1.39
All Other Food Service Workers	65	1.29
Switchboard Operator	55	1.09
Detectives And Investigators	50	0.99
Janitors And Cleaners	50	0.99
Precision Production Occupations	50	0.99
o Food Stores	6565	100.00
Cashiers	2220	33.82
Stock Clerks, Sales Floor	1790	27.27
All Other Sales And Related Workers	410	6.24
Salespersons, Retail Trade	280	4.26
First Line Supervisors And Manager/supervisors - Sales And Re	275	4.19
General Managers And Top Executives	250	3.81
All Other Food Service Workers	200	3.05
Butchers And Meat Cutters	190	2.89
Hand Packers And Packagers	165	2.51
Stock Clerks - Stockroom, Warehouse And Storage Yard	120	1.83
Dining Room, Counter And Cafe Attendants	110	1.68
Bookkeeping, Accounting, Auditing Clerks	90	1.37
Janitors And Cleaners	90	1.37
All Other Clerical And Administrative Support Workers	80	1.22
Counter And Rental Clerks	75	1.14
General Office Clerk	75	1.14
o Motor Vehicle Dealers (new And Used)	2240	100.00
Automotive Mechanics	485	21.65
Salespersons, Retail Trade	455	20.31
First Line Supervisors - Mechanics And Repairers	155	6.92
Automotive Body And Related Repairers	155	6.92
Salespersons, Parts	125	5.58
General Office Clerk	120	5.36
General Managers And Top Executives	105	4.69
Vehicle Washers And Equipment Cleaners	95	4.24
All Other Clerical And Administrative Support Workers	80	3.57
Marketing, Advertising And Related Managers	70	3.13
Bookkeeping, Accounting, Auditing Clerks	70	3.13
Billing, Cost And Rate Clerks	65	2.90
First Line Supervisors - Clerical And Administrative Clerks	60	2.68
Transportation, Material Moving Machine And Vehicle Operators	50	2.23
All Other Helpers, Laborers, Movers - Hand	50	2.23
o Gasoline Service Stations	1415	100.00
Service Station Attendants	580	40.99
Cashiers	225	15.90
Automotive Mechanics	195	13.78
Clerical And Administrative Support Occupations	95	6.72
All Other Sales And Related Workers	75	5.30

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

		Employment	Percent Distribution
	o Furniture, Home Furnishings, Equip Stores, Exc Appliances	1075	100.00
	Salespersons, Retail Trade	310	28.84
	General Managers And Top Executives	110	10.23
	All Other Clerical And Administrative Support Workers	100	9.30
	Stock Clerks, Sales Floor	90	8.37
	All Other Transportation Workers	75	6.98
	Precision Production Occupations	65	6.05
	Professional, Paraprofessional And Technical Occupations	60	5.58
	Bookkeeping, Accounting, Auditing Clerks	60	5.58
	General Office Clerk	60	5.58
	Material Recording, Scheduling, Dispatching, Distributing	50	4.65
	o Eating And Drinking Places	13480	100.00
	Waiters And Waitresses	3900	28.93
	All Other Food Service Workers	1780	13.21
	Cashiers	915	6.79
	Cooks, Restaurant	905	6.71
	Cooks, Speciality Fast Food And Fast Food	890	6.60
	Food Preparation Workers	835	6.19
	Bartenders	810	6.01
	Dining Room, Counter And Cafe Attendants	595	4.41
	General Managers And Top Executives	440	3.26
	Hosts And Hostesses	430	3.19
	Food Service And Lodging Managers	315	2.34
	First Line Supervisors - Service	280	2.08
	Driver/sales Workers	185	1.37
	Bookkeeping, Accounting, Auditing Clerks	125	0.93
	All Other Clerical And Administrative Support Workers	120	0.89
	Accountants And Auditors	90	0.67
	Mechanics, Installers And Repairers	90	0.67
	Secretaries, Stenographers And Typists	85	0.63
	All Other Management Support Workers	80	0.59
	First Line Supervisors - Clerical And Administrative Clerks	80	0.59
	Janitors And Cleaners	80	0.59
	All Other Managers And Administrators	75	0.56
	General Office Clerk	75	0.56
	Stock Clerks, Sales Floor	70	0.52
	Guards And Watch Guards	55	0.41
	All Other Transportation Workers	55	0.41
	All Other Professional, Paraprofessional And Technicians	50	0.37
<b>Finance, Insurance &amp; Real Estate</b>	o Commercial And Stock Savings Banks	5705	100.00
	Tellers	2135	37.42
	Financial Managers	570	9.99
	New Accounts Clerks	520	9.12
	Loan Officers And Counselors	515	9.03
	All Other Clerical And Administrative Support Workers	430	7.54
	First Line Supervisors - Clerical And Administrative Clerks	305	5.35
	General Managers And Top Executives	230	4.03
	Loan And Credit Clerks	185	3.24
	General Office Clerk	150	2.63
	Secretaries, Stenographers And Typists	130	2.28
	Bookkeeping, Accounting, Auditing Clerks	115	2.02
	All Other Financial Specialists	75	1.32
	Management Support Occupations	65	1.14
	Sales Agents, Securitites, Commodities And Financial Services	60	1.05
	All Other Managers And Administrators	55	0.96
	All Other Professional, Paraprofessional And Technicians	55	0.96



**Table C:**  
**South Coastal**  
**Employment in**  
**Selected Industries**  
**by Occupation**

	Employment	Percent Distribution
o Credit Agencies Other Than Banks	2055	100.00
Tellers	485	23.60
Financial Managers	210	10.22
All Other Financial Specialists	200	9.73
Loan And Credit Clerks	180	8.76
All Other Clerical And Administrative Support Workers	155	7.54
Loan Officers And Counselors	125	6.08
First Line Supervisors - Clerical And Administrative Clerks	115	5.60
General Managers And Top Executives	100	4.87
Bookkeeping, Accounting, Auditing Clerks	95	4.62
Secretaries, Stenographers And Typists	85	4.14
Receptionists And Information Clerks	65	3.16
All Other Managers And Administrators	55	2.68
Sales Occupations, Services	55	2.67
New Accounts Clerks	55	2.68
o Accident And Health Insurance And Medical Service Plans	1770	100.00
All Other Clerical And Administrative Support Workers	525	29.66
General Office Clerk	125	7.06
All Other Professional, Paraprofessional And Technicians	115	6.50
Insurance Policy Processing Clerks	110	6.22
Managerial And Administrative Occupations	105	5.93
Adjusters, Examiners, Investigators	100	5.65
All Other Mathematical Scientists	85	4.80
Health Practitioners, Technologists, Technicians And Related	85	4.80
Insurance Claims Clerks	85	4.80
Typists And Word Processors	85	4.80
Data Entry Keyers, Except Composing	80	4.52
Sales And Related Occupations	70	3.96
Secretaries, Stenographers And Typists	70	3.96
Accountants, Auditors And Other Financial Specialists	60	3.39
All Other Office Machine Operators	50	2.82
o Fire, Marine And Casualty Insurance	1365	100.00
Insurance Claims Clerks	245	17.95
Adjusters, Examiners, Investigators	145	10.63
Insurance Policy Processing Clerks	140	10.26
Secretaries, Stenographers And Typists	120	8.79
First Line Supervisors - Clerical And Administrative Clerks	105	7.69
Sales Agents And Placers, Insurance	90	6.59
All Other Clerical And Administrative Support Workers	80	5.86
General Managers And Top Executives	65	4.76
Underwriters	65	4.76
All Other Professional, Paraprofessional And Technicians	65	4.76
General Office Clerk	65	4.76
Claims Examiners, Property And Casualty Insurance	55	4.03
Typists And Word Processors	55	4.03
File Clerks	55	4.03
o Insurance Agents, Brokers And Service	1385	100.00
Underwriters	240	17.33
All Other Clerical And Administrative Support Workers	235	16.97
Sales Agents And Placers, Insurance	140	10.11
General Managers And Top Executives	120	8.67
Insurance Policy Processing Clerks	120	8.66
Secretaries, Stenographers And Typists	100	7.22
All Other Management Support Workers	85	6.14



**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

	Employment	Percent Distribution
All Other Professional, Paraprofessional And Technicians	70	5.05
General Office Clerk	65	4.69
First Line Supervisors And Manager/supervisors - Sales And Re	55	3.97
All Other Sales And Related Workers	55	3.97
First Line Supervisors - Clerical And Administrative Clerks	55	3.97
o Real Estate Agents And Managers	1555	100.00
Maintenance Repairers, General Utility	210	13.51
Property And Real Estate Managers And Administrators	145	9.33
General Managers And Top Executives	130	8.36
Brokers And Sales Agents, Real Estate	130	8.36
Secretaries, Stenographers And Typists	115	7.40
All Other Sales And Related Workers	105	6.75
Bookkeeping, Accounting, Auditing Clerks	100	6.43
Janitors And Cleaners	95	6.11
All Other Clerical And Administrative Support Workers	85	5.47
General Office Clerk	75	4.82
Financial Managers	70	4.50
All Other Service Workers	65	4.18
Garderners And Groundskeepers, Except Farm	65	4.18
Construction Trades, Extractive Occupations, Exc Mat Moving	65	4.18
Accountants, Auditors And Other Financial Specialists	50	3.21
o All Other Real Estate	1145	100.00
All Other Managers And Administrators	170	14.85
Professional, Paraprofessional And Technical Occupations	155	13.54
Guards And Watch Guards	145	12.67
All Other Clerical And Administrative Support Workers	135	11.79
Maintenance Repairers, General Utility	100	8.73
Janitors And Cleaners	85	7.42
Garderners And Groundskeepers, Except Farm	70	6.11
Secretaries, Stenographers And Typists	65	5.68
Construction Trades, Extractive Occupations, Exc Mat Moving	65	5.68
Property And Real Estate Managers And Administrators	60	5.24
o Investment Offices	1985	100.00
Brokerage Clerks	355	17.88
General Managers And Top Executives	295	14.86
General Office Clerk	235	11.84
Financial Managers	175	8.82
First Line Supervisors And Manager/supervisors - Sales And Re	175	8.82
Secretaries, Stenographers And Typists	175	8.82
Sales Agents, Securitites, Commodities And Financial Services	120	6.05
Bookkeeping, Accounting, Auditing Clerks	60	3.02
Payroll And Timekeeping Clerks	60	3.02
Switchboard Operator	60	3.02
Accountants And Auditors	55	2.77
Lawyers	55	2.77
All Other Sales Representatives, Service	55	2.77
First Line Supervisors - Clerical And Administrative Clerks	55	2.77
Receptionists And Information Clerks	55	2.77
o All Other Finance, Insurance And Real Estate	1905	100.00
Tellers	385	20.21
All Other Clerical And Administrative Support Workers	305	16.01
Sales Agents And Placers, Insurance	130	6.82
General Managers And Top Executives	110	5.77
Secretaries, Stenographers And Typists	105	5.51

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

		Employment	Percent Distribution
Service Industries	Accountants, Auditors And Other Financial Specialists	95	4.99
	Financial Managers	90	4.72
	First Line Supervisors - Clerical And Administrative Clerks	90	4.72
	General Office Clerk	90	4.72
	All Other Sales And Related Workers	75	3.94
	New Accounts Clerks	60	3.15
	Loan And Credit Clerks	60	3.15
	Sales Agents, Securities, Commodities And Financial Services	55	2.89
	All Other Managers And Administrators	50	2.63
	All Other Mathematical Scientists	50	2.63
	All Other Professional, Paraprofessional And Technicians	50	2.63
	Bookkeeping, Accounting, Auditing Clerks	50	2.63
	o Services To Dwellings And Other Buildings	1570	100.00
	Janitors And Cleaners	910	57.96
	Janitors And Cleaners, Including Housekeepers And Maids	225	14.33
	All Other Cleaning And Building Service Workers	190	12.10
	Production, Construction And Maintenance Occupations	70	4.46
	General Managers And Top Executives	60	3.82
	Clerical And Administrative Support Occupations	55	3.50
	o Personnel Supply Services	1520	100.00
	Personnel, Training And Labor Relations Specialists	220	14.47
	Employment Interviewers	165	10.86
	First Line Supervisors And Manager/supervisors - Sales And Re	155	10.20
	General Managers And Top Executives	140	9.21
	Licensed Practical Nurses	120	7.90
	Sales Reps, Scientific And Related Products And Services	115	7.57
	Secretaries, Stenographers And Typists	115	7.57
	Marketing, Advertising And Related Managers	95	6.25
	All Other Clerical And Administrative Support Workers	90	5.92
	General Office Clerk	80	5.26
	Receptionists And Information Clerks	70	4.60
	Health Service And Related Occupations	70	4.60
	Registered Nurses	55	3.62
	o Miscellaneous Business Services	3610	100.00
	Guards And Watch Guards	1200	33.24
	All Other Engineers	310	8.59
	All Other Professional, Paraprofessional And Technicians	235	6.51
	All Other Managers And Administrators	190	5.26
	All Other Clerical And Administrative Support Workers	170	4.71
	Interview Clerks, Except Personnel And Welfare	155	4.29
	All Other Office Machine Operators	155	4.29
	General Managers And Top Executives	135	3.74
	Secretaries, Stenographers And Typists	135	3.74
	Data Entry Keyers, Except Composing	115	3.19
	All Other Physical Scientists	105	2.91
	All Other Management Support Workers	100	2.77
	Counter And Rental Clerks	90	2.49
	Messengers	85	2.36
	Electrical And Electronic Engineers	80	2.22
	Chemists, Except Biochemists	80	2.22
	Photographic Process Machine Operators	65	1.80
	All Other Sales And Related Workers	55	1.52
	All Other Service Workers	55	1.52
	Personnel, Training And Labor Relations Specialists	50	1.38

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

	Employment	Percent Distribution
o All Other Business Services	1985	100.00
All Other Clerical And Administrative Support Workers	280	14.11
Electrical And Electronic Engineers	245	12.34
All Other Professional, Paraprofessional And Technicians	235	11.84
Electronic Data Processing, Other Office Machine Occupations	130	6.55
General Managers And Top Executives	125	6.30
Computer Programmers	85	4.28
Sales Occupations, Services	80	4.03
Secretaries, Stenographers And Typists	80	4.03
Machine Setters, Set-up Operators, Operators And Tenders	80	4.03
Engineering, Mathematical And Natural Science Managers	65	3.28
Marketing, Advertising And Related Managers	60	3.02
All Other Managers And Administrators	60	3.02
All Other Sales And Related Workers	60	3.02
Billing, Cost And Rate Clerks	60	3.02
General Office Clerk	60	3.02
Bill And Account Collectors	55	2.77
Precision Production Occupations	55	2.77
Systems Analysts, Electronic Data Processing	50	2.52
Sales Reps, Scientific And Related Products And Services	50	2.52
o Automotive Repair Shops	1145	100.00
Automotive Mechanics	450	39.30
Automotive Body And Related Repairers	245	21.40
First Line Supervisors - Mechanics And Repairers	125	10.92
Truck Drivers, Light - Including Delivery And Route Drivers	105	9.17
Salespersons, Parts	80	6.99
Clerical And Administrative Support Occupations	80	6.98
Managerial And Administrative Occupations	60	5.24
o Miscellaneous Amusement And Recreation Services	1030	100.00
All Other Food Service Workers	160	15.53
Gardners And Groundskeepers, Except Farm	130	12.62
Instructors And Coaches, Sports	105	10.19
Cashiers	105	10.19
All Other Service Workers	100	9.71
Amusement And Recreation Attendants	95	9.22
Waiters And Waitresses	80	7.77
General Managers And Top Executives	70	6.80
Recreation Workers	55	5.34
o Office Of Physicians	1790	100.00
Radiologic Technicians	315	17.60
Physicians And Surgeons	190	10.62
Registered Nurses	190	10.61
Medical Secretaries	175	9.78
Receptionists And Information Clerks	160	8.94
All Other Clerical And Administrative Support Workers	105	5.87
All Other Professional, Paraprofessional And Technicians	85	4.75
All Other Health Professionals And Others	75	4.19
Licensed Practical Nurses	70	3.91
Medical Assistants	70	3.91
Managerial And Administrative Occupations	65	3.63
First Line Supervisors - Clerical And Administrative Clerks	65	3.63
File Clerks	65	3.63
Electronic Data Processing, Other Office Machine Occupations	55	3.07
Billing, Cost And Rate Clerks	50	2.79

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

	Employment	Percent Distribution
o Office Of Dentists	1175	100.00
All Other Clerical And Administrative Support Workers	155	13.19
Medical And Health Service Managers	135	11.49
Dentists	135	11.49
Licensed Practical Nurses	110	9.37
Dental Hygienists	110	9.36
All Other Health Professionals And Others	110	9.36
Medical Secretaries	90	7.66
Dental Assistants	90	7.66
Physician Assistants	65	5.53
Medical And Clinical Laboratory Technologists And Technicians	65	5.53
Medical Records Technicians	65	5.53
o Nursing And Personal Care Facilities	4665	100.00
Nurse Aides, Orderlies And Attendants	1720	36.87
Licensed Practical Nurses	495	10.61
Food Preparation Workers	360	7.72
Janitors And Cleaners, Including Housekeepers And Maids	300	6.43
Registered Nurses	225	4.82
Cooks, Institution Or Cafe	195	4.18
Laundry And Drycleaning Machine Operators	170	3.64
Janitors And Cleaners	135	2.89
All Other Managers And Administrators	105	2.25
Waiters And Waitresses	105	2.25
Home Health Aides	105	2.25
Bookkeeping, Accounting, Auditing Clerks	90	1.93
Maintenance Repairers, General Utility	80	1.72
Recreational Therapists	75	1.61
Medical And Health Service Managers	65	1.39
General Managers And Top Executives	65	1.39
Social Workers, Medical And Non-medical	60	1.29
All Other Professional, Paraprofessional And Technicians	60	1.29
All Other Health Professionals And Others	55	1.18
Secretaries, Stenographers And Typists	55	1.18
Dieticians And Nutritionists	50	1.07
All Other Health Servicers	50	1.07
o Hospitals	5650	100.00
Registered Nurses	1580	27.97
Licensed Practical Nurses	415	7.35
All Other Clerical And Administrative Support Workers	295	5.22
All Other Health Professionals And Others	285	5.05
Nurse Aides, Orderlies And Attendants	250	4.43
Janitors And Cleaners, Including Housekeepers And Maids	200	3.54
Medical And Clinical Laboratory Technologists And Technicians	190	3.36
General Office Clerk	175	3.10
Psychiatric Aides	170	3.01
All Other Food Service Workers	155	2.74
All Other Health Servicers	150	2.66
All Other Managers And Administrators	140	2.48
Radiologic Technicians	125	2.21
Physical Therapists	120	2.12
Secretaries, Stenographers And Typists	120	2.12
Interview Clerks, Except Personnel And Welfare	100	1.77
Typists And Word Processors	95	1.68
Waiters And Waitresses	90	1.59
Respiratory Therapists	85	1.50
All Other Professional, Paraprofessional And Technicians	85	1.50



**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

	Employment	Percent Distribution
All Other Service Workers	85	1.50
First Line Supervisors - Clerical And Administrative Clerks	80	1.42
Precision Production Occupations	75	1.33
Medical And Health Service Managers	65	1.15
Janitors And Cleaners	65	1.15
Management Support Occupations	60	1.06
Switchboard Operator	60	1.06
Material Recording, Scheduling, Dispatching, Distributing	60	1.06
Pharmacists	55	0.97
Billing, Cost And Rate Clerks	55	0.97
Food Preparation Workers	55	0.97
Occupational Therapists	50	0.89
o Legal Services	1055	100.00
Lawyers	265	25.12
Legal Secretaries	235	22.27
Financial Managers	190	18.01
All Other Clerical And Administrative Support Workers	120	11.37
Paralegal Personnel	110	10.43
General Office Clerk	110	10.43
o Educational Services	10275	100.00
Teachers, Secondary School	1890	18.39
Teachers, Elementary	1645	16.01
College And University Faculty	705	6.86
Janitors And Cleaners	580	5.65
Teachers, Special Education	555	5.40
Teacher Aides, Paraprofessional	480	4.67
Secretaries, Stenographers And Typists	390	3.80
Education Administrators	375	3.65
Food Preparation Workers	340	3.31
Cooks, Institution Or Cafe	275	2.68
Librarians, Professional	240	2.34
All Other Clerical And Administrative Support Workers	210	2.04
All Other Professional, Paraprofessional And Technicians	200	1.95
Teachers, Preschool And Kindergarden	185	1.80
Instructors And Coaches, Sports	185	1.80
Technical Assistants, Library	180	1.75
All Other Health Professionals And Others	165	1.61
All Other Teachers And Related Workers	140	1.36
Vocational And Educational Counselors	140	1.36
Library Assistants And Bookmobile Drivers	120	1.17
All Other Protective Services	110	1.07
All Other Food Service Workers	105	1.02
Bus Drivers, School	95	0.93
o Social Services	3040	100.00
All Other Managers And Administrators	300	9.87
Teachers, Preschool And Kindergarden	290	9.54
Social Workers, Medical And Non-medical	265	8.72
Social Service Technicians	220	7.24
All Other Clerical And Administrative Support Workers	215	7.07
Teacher Aides And Education Assistants	185	6.09
Social Welfare Service Aides	180	5.92
General Managers And Top Executives	170	5.59
Instructors, Nonvocational Education	130	4.28
Secretaries, Stenographers And Typists	115	3.78
Child Care Workers	110	3.62
All Other Professional, Paraprofessional And Technicians	105	3.45

**Table C:  
South Coastal  
Employment in  
Selected Industries  
by Occupation**

		Employment	Percent Distribution
	All Other Teachers And Related Workers	90	2.96
	Vocational And Educational Counselors	80	2.63
	All Other Service Workers	80	2.63
	Registered Nurses	75	2.47
	All Other Health Professionals And Others	70	2.30
	Bookkeeping, Accounting, Auditing Clerks	65	2.14
	Food And Beverage Preparation And Service Workers	65	2.14
	Nurse Aides, Orderlies And Attendants	55	1.81
	Cleaning, Building Service Occupations, Exc Private Househlds	55	1.81
	All Other Health Servicers	50	1.64
<b>Government</b>	o State Government, Except Education And Hospitals	1715	100.00
	Helpers, Laborers And Related	510	29.74
	Cashiers	230	13.41
	Service Occupations	210	12.24
	Computer Operators, Except Peripheral Equipment	155	9.04
	All Other Clerical And Administrative Support Workers	125	7.29
	All Other Transportation Workers	110	6.41
	Managerial And Administrative Occupations	90	5.25
	Maintenance Repairers, General Utility	85	4.96
	Hand Working Occupations, Including Assemblers, Fabricators	85	4.96
	Mach Maintenance Mechanics, Water Or Power Generation Plant	55	3.21
	o Local Government, Except Education And Hospitals	6060	100.00
	Police Detectives And Investigators	560	9.24
	Fire Fighters	535	8.83
	Maintenance Repairers, General Utility	535	8.83
	Administrative Service Managers	505	8.33
	Helpers, Laborers And Related	320	5.28
	General Office Clerk	305	5.03
	Highway Maintenance Workers	230	3.80
	Pub Admin Chief Executives, Legisltors, Genral Administrators	225	3.71
	Secretaries, Stenographers And Typists	225	3.71
	Assessors	200	3.30
	Bookkeeping, Accounting, Auditing Clerks	160	2.64
	Dispatchers - Police, Fire, Ambulance	125	2.06
	Financial Managers	120	1.98
	All Other Managers And Administrators	100	1.65
	Construction And Building Inspectors	100	1.65
	All Other Management Support Workers	100	1.65
	All Other Clerical And Administrative Support Workers	100	1.65
	Technical Assistants, Library	95	1.57
	Fire Fighting And Prevention Supervisors	95	1.57
	Painters, Paperhangers, Construction And Maintenance	95	1.57
	Water And Liquid Waste Treatment Plant And System Operators	95	1.57
	Librarians, Professional	85	1.40
	All Other Professional, Paraprofessional And Technicians	85	1.40
	Municipal Clerks	80	1.32
	Emergency Medical Technicians	75	1.24
	Library Assistants And Bookmobile Drivers	75	1.24
	Cleaning, Building Service Occupations, Exc Private Househlds	75	1.24
	Recreation Workers	70	1.15
	Typists And Word Processors	70	1.16
	First Line Supervisors, Manager/supers - Prod, Constr, Maint	70	1.15

# Notes About the Data

Employment surveys frequently differ in concept and definition and thus make understanding and interpreting the data more difficult. Therefore, it is important to know how data are obtained in order to know how best to use them. The industry and occupational employment data presented in these SDA reports count jobs and are collected from surveys of Massachusetts establishments. Individuals who hold more than one job are counted at each place they work. This section presents more detail explanations of the data published in the tables.

## Industry Employment Data

Industry employment data presented in Tables 2, 3, and C, and the top ten industries in Section II are derived from the Employment and Wage Program. Industries covered in this program are defined in terms of the Standard Industrial Classification (SIC) system. The SIC separates establishments' economic activities into broad sectors (manufacturing, construction, retail trade, services, etc.). Each sector is further divided into major groups (2 digit SIC), then into industry groups (3 digit SIC) and finally into industries (4 digit SIC). Revisions to the SIC are made periodically to reflect the economy's changing industrial structure. In 1987, the SIC was revised, taking into account technological changes; institutional changes

such as deregulation in the banking, communications, and transportation industries; and the tremendous expansion in the service sector that occurred since 1972.

Some of the industry employment tables presented in these SDA reports are based on the old 1972 SIC, while others are based on the 1987 SIC revision. Industry employment data in Table 3 and the top ten industries are based on 1989 data and the 1987 SIC revision. Data from 1984 to 1989, showing the average annual employment change, net change and percent change in Table 2 are based on both the 1972 SIC and 1977 supplement, and the 1987 SIC revision. Data from 1984-1987 and 1988-1989 are based on different SICs and therefore, are not strictly comparable. However, since there were no changes to the SIC at the sector level, these measures of the SDA's industry employment change present no significant comparability problems.

Table C, presenting detailed industry employment by occupation, is derived from the Occupational Employment Statistics Survey. Industry employment is based on 1987 data and the 1972 SIC and the 1977 supplement. Staffing patterns presented in Table C are published for approximately 25 industries with a thousand or more workers.

Industry staffing patterns are presented for 2 and 3 digit industries, and major groupings of industries such as durable and nondurable goods industries. Industry staffing patterns that could violate employer confidentiality are collapsed into residual industries within the sector. As a result not all residual industries are strictly comparable across all SDAs.

## Occupational Employment Data

Occupational employment estimates presented in these SDA reports are derived from data collected by the Occupational Employment Statistic (OES) program. OES data are obtained from surveys of employment by occupation for over 300 industries. Employers include both part-time and full-time workers for the payroll periods on the 12th of April, May, and June.

The classification systems used in this survey were the Standard Occupational Classification (SOC) system and the 1972 SIC. The SOC was used to develop the definitions of the occupations included and the 1972 SIC was used to define the industries.

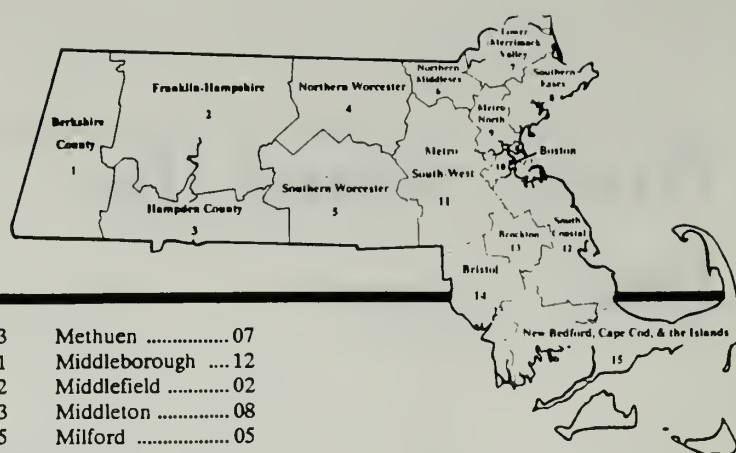
Occupational data in these SDA reports are not strictly comparable to those published in the Current Population Survey (CPS), a monthly survey of approximately 59,500 individuals conducted by the U.S. Bureau of the Census. Primarily because of the two surveys' differences in concepts and classification systems (for example, the CPS counts individuals whereas the OES survey is a count of jobs, therefore, individuals who hold more than one job are counted differently in the two surveys,) employment comparisons should not be made between the two.

Comparisons can be made for large occupations among the SDAs and between individual SDAs and the state. In general, however, it is important to remember that the occupational estimates published in this report are intended to be used as a guide to local job markets, and should not be viewed as precise estimates.



# Appendix

## Cities & Towns In Massachusetts Service Delivery Areas



A	Clarksburg ..... 01	Hampden ..... 03	Methuen ..... 07		
Abington ..... 13	Clinton ..... 04	Hancock ..... 01	Middleborough ..... 12		
Acton ..... 11	Cohasset ..... 12	Hanover ..... 12	Middlefield ..... 02		
Acushnet ..... 15	Colrain ..... 02	Hanson ..... 13	Middleton ..... 08		
Adams ..... 01	Concord ..... 11	Hardwick ..... 05	Milford ..... 05		
Agawam ..... 03	Conway ..... 02	Harvard ..... 04	Millbury ..... 05		
Alford ..... 01	Cummington ..... 02	Harwich ..... 15	Millis ..... 11		
Amesbury ..... 07		Hatfield ..... 02	Millville ..... 05	Provincetown ..... 15	Tisbury ..... 15
Amherst ..... 02	D	Haverhill ..... 07	Milton ..... 12		Tolland ..... 03
Andover ..... 07	Dalton ..... 01	Hawley ..... 02	Monroe ..... 02	Q & R	Topsfield ..... 08
Arlington ..... 09	Danvers ..... 08	Heath ..... 02	Monson ..... 03	Quincy ..... 12	Townsend ..... 04
Ashburnham ..... 04	Dartmouth ..... 15	Hingham ..... 12	Montague ..... 02	Randolph ..... 12	Truro ..... 15
Ashby ..... 04	Dedham ..... 11	Hinsdale ..... 01	Monterey ..... 01	Raynham ..... 14	Tyngsborough ..... 06
Ashfield ..... 02	Deerfield ..... 02	Holbrook ..... 12	Montgomery ..... 03	Reading ..... 09	Tyringham ..... 01
Ashland ..... 11	Dennis ..... 15	Holden ..... 05	Mt. Washington ..... 01	Rehoboth ..... 14	
Athol ..... 02	Dighton ..... 14	Holland ..... 03		Revere ..... 09	U
Attleboro ..... 14	Douglas ..... 05	Holliston ..... 11	N	Richmond ..... 01	Upton ..... 05
Auburn ..... 05	Dover ..... 11	Holyoke ..... 03	Nahant ..... 08	Rochester ..... 15	Uxbridge ..... 05
Avon ..... 13	Dracut ..... 06	Hopedale ..... 05	Nantucket ..... 15	Rockland ..... 12	
Ayer ..... 04	Dudley ..... 05	Hopkinton ..... 11	Natick ..... 11	Rockport ..... 08	W & Y
	Dunstable ..... 06	Hubbardston ..... 04	Needham ..... 11	Rowe ..... 02	Wakefield ..... 09
B	Duxbury ..... 12	Hudson ..... 11	New Ashford ..... 01	Rowley ..... 07	Wales ..... 03
Barnstable ..... 15		Hull ..... 12	New Bedford ..... 15	Royalston ..... 02	Walpole ..... 11
Barre ..... 04	E	Huntington ..... 02	New Braintree ..... 05	Russell ..... 03	Waltham ..... 11
Becket ..... 01	East Bridgewater .. 13		New Marlborough 01	Rutland ..... 05	Ware ..... 02
Bedford ..... 11	East Brookfield .... 05	I & K	New Salem ..... 02		Wareham ..... 15
Belchertown ..... 02	East Longmeadow 03	Ipswich ..... 08	Newbury ..... 07	S	Warren ..... 05
Bellingham ..... 11	Eastham ..... 15	Kingston ..... 12	Newburyport ..... 07	Salem ..... 08	Warwick ..... 02
Belmont ..... 09	Easthampton ..... 02		Newton ..... 11	Salisbury ..... 07	Washington ..... 01
Berkley ..... 14	Easton ..... 13	L	Norfolk ..... 11	Sandisfield ..... 01	Watertown ..... 09
Berlin ..... 04	Edgartown ..... 15	Lakeville ..... 15	North Adams ..... 01	Sandwich ..... 15	Wayland ..... 11
Bernardston ..... 02	Egremont ..... 01	Lancaster ..... 04	North Andover ..... 07	Saugus ..... 08	Webster ..... 05
Beverly ..... 08	Erving ..... 02	Lanesborough ..... 01	North Attleborough 14	Savoy ..... 01	Wellesley ..... 11
Billerica ..... 06	Essex ..... 08	Lawrence ..... 07	North Brookfield .. 05	Scituate ..... 12	Wellfleet ..... 15
Blackstone ..... 05	Everett ..... 09	Lee ..... 01	North Reading ..... 09	Seekonk ..... 14	Wendell ..... 02
Blandford ..... 03		Leicester ..... 05	Northampton ..... 02	Sharon ..... 11	Wenham ..... 08
Bolton ..... 04	F	Lenox ..... 01	Northborough ..... 05	Sheffield ..... 01	W. Boylston ..... 05
Boston ..... 10	Fairhaven ..... 15	Leominster ..... 04	Northbridge ..... 05	Shelburne ..... 02	W. Bridgewater .. 13
Bourne ..... 15	Fall River ..... 14	Leverett ..... 02	Northfield ..... 02	Sherborn ..... 11	W. Brookfield ..... 05
Boxborough ..... 11	Falmouth ..... 15	Lexington ..... 11	Norton ..... 14	Shirley ..... 04	W. Newbury ..... 07
Boxford ..... 07	Fitchburg ..... 04	Leyden ..... 02	Norwell ..... 12	Shrewsbury ..... 05	W. Springfield .... 03
Boylston ..... 05	Florida ..... 01	Lincoln ..... 11	Norwood ..... 11	Shutesbury ..... 02	W. Stockbridge .... 01
Braintree ..... 12	Foxborough ..... 11	Littleton ..... 11		Somerset ..... 14	West Tisbury ..... 15
Brewster ..... 15	Framingham ..... 11	Longmeadow ..... 03	O	Somerville ..... 09	Westborough ..... 05
Bridgewater ..... 13	Franklin ..... 11	Lowell ..... 06	Oak Bluffs ..... 15	South Hadley ..... 02	Westfield ..... 03
Brimfield ..... 03	Freetown ..... 15	Ludlow ..... 03	Oakham ..... 05	Southampton ..... 02	Westford ..... 06
Brockton ..... 13		Lunenburg ..... 04	Orange ..... 02	Southborough ..... 11	Westhampton ..... 02
Brookfield ..... 05	G	Lynn ..... 08	Orleans ..... 15	Southbridge ..... 05	Westminister ..... 04
Brookline ..... 11	Gardner ..... 04	Lynnfield ..... 08	Otis ..... 01	Southwick ..... 03	Weston ..... 11
Buckland ..... 02	Gay Head ..... 15		Oxford ..... 05	Spencer ..... 05	Westport ..... 14
Burlington ..... 09	Georgetown ..... 07	M		Springfield ..... 03	Westwood ..... 11
	Gill ..... 02	Malden ..... 09	P	Sterling ..... 04	Weymouth ..... 12
C	Gloucester ..... 08	Manchester ..... 08	Palmer ..... 03	Stockbridge ..... 01	Whately ..... 02
Cambridge ..... 09	Goshen ..... 02	Mansfield ..... 14	Paxton ..... 05	Stoneham ..... 09	Whitman ..... 13
Canton ..... 11	Gosnold ..... 15	Marblehead ..... 08	Peabody ..... 08	Stoughton ..... 13	Wilbraham ..... 03
Carlisle ..... 11	Grafton ..... 05	Marion ..... 02	Pelham ..... 02	Stow ..... 11	Williamsburg ..... 02
Carver ..... 12	Granby ..... 02	Marlborough ..... 11	Pembroke ..... 12	Sturbridge ..... 05	Williamstown ..... 01
Charlemont ..... 02	Granville ..... 03	Marshfield ..... 12	Pepperell ..... 04	Sudbury ..... 11	Wilmington ..... 09
Charlton ..... 05	Great Barrington .. 01	Mashpee ..... 15	Peru ..... 01	Sunderland ..... 02	Winchendon ..... 04
Chatham ..... 15	Greenfield ..... 02	Mattapoisett ..... 15	Petersham ..... 02	Sutton ..... 05	Winchester ..... 09
Chelmsford ..... 06	Groton ..... 04	Maynard ..... 11	Phillipston ..... 02	Swampscott ..... 08	Windsor ..... 01
Chelsea ..... 09	Groveland ..... 07	Medfield ..... 11	Pittsfield ..... 01	Swansea ..... 14	Winthrop ..... 09
Cheshire ..... 01		Medford ..... 09	Plainfield ..... 02		Woburn ..... 09
Chcster ..... 03	H	Medway ..... 11	Plainville ..... 11	T	Worcester ..... 05
Chesterfield ..... 02	Hadley ..... 02	Melrose ..... 09	Plymouth ..... 12	Taunton ..... 14	Worthington ..... 02
Chicopee ..... 03	Halifax ..... 12	Mendon ..... 05	Plympton ..... 12	Templeton ..... 04	Wrentham ..... 11
Chilmark ..... 15	Hamilton ..... 08	Merrimac ..... 07	Princeton ..... 04	Tewksbury ..... 06	Yarmouth ..... 15





